

ENVIRONMENTAL SERVICES UTILITY BOARD MEETING JANUARY 18TH, 2022 SUMMARY OF MINUTES

The meeting for Kankakee Environmental Services Utility was held on Tuesday, January 18TH 2022 at 6:00 P.M. in the Public Safety Building.

ESU Members Present

Ald Carmen Lewis Ald Mike O'Brien Ald Larry Osenga Ald Danita Swanson Ald Kelly Johnson Ald Reginald Jones Mayor Chris Curtis

Interim Superintendent

Dave Tyson, PR, IPLS

Additional Alderman Present

Ald Lance Marczak Ald Mike Cobbs

ESU Staff Present

Zach Newton, GIS/Opers Mgr Dennis Doyle, DPW Asst. Supt. James Lopez, DPW Opers Mgr Ryan McGinnis, Lab Coordinator

Others Present

Elizabeth Kubal, Comptroller

MAYOR CURTIS:

The Environmental Services Utility Board meeting is called to order for Tuesday, January 18th, 2022. Are there any public comments? Hearing none we will move on to Section two, which is Roll Call.

ROLL CALL

ZACH NEWTON:

Ald Lewis - Present

Ald Swanson - Present

Ald Prude - Absent

Ald Johnson - Present

Ald O'Brien - Present Ald Osenga - Present Clerk Gall - Absent

Ald Jones - Present

Mayor Curtis - Present

PRESENT: 7

ABSENT: 2

APPROVAL OF MINUTES

MAYOR CURTIS:

We have a quorum. Motion to approve the minutes from

Monday, December 20th, 2021. Do I have a motion to

approve?

ALD LEWIS:

I will make that motion to approve the minutes.

ALD OSENGA:

Second.

MAYOR CURTIS:

Motioned by Alderwoman Lewis and Seconded by

Alderman Osenga. Any questions, comments, changes.

Hearing none, Roll Call.

ZACH NEWTON:

Ald Lewis - Aye

Ald Swanson – Aye

Ald Prude - Absent Ald O'Brien - Aye

Ald Johnson - Aye Ald Jones - Aye

Ald Osenga - Aye

Clerk Gall- Absent

AYES: 6

NAYS: 0

APPROVAL OF BILLS

MAYOR CURTIS:

Minutes are approved. Thank you. Next on the agenda is

the approval of bills and the total amount of \$271,820.29.

Do I have a motion?

ALD SWANSON:

So move.

ALD JONES:

Second.

MAYOR CURTIS:

Motioned by Alderwoman Swanson and seconded by

Alderman Jones to approve the bills. Are there any

questions? Alderman Osenga?

ALD OSENGA:

Yes, Mayor there is. Check#31410 I know you and I talked

about this today. I didn't know if the rest of the Committee

knew about this. This is the Space Center

MAYOR CURTIS:

We there was anticipation according to the past lease that this would expire on December 31. We did have legal look into it. And there was an estoppel agreement signed by the city of Kankakee approximately 12 or 14 months ago. If you're not familiar with a sample agreement, it basically when there's a transfer sale a lot of times of tenants for what the rent is a security posits and the expiration of lease was a little unclear after 20 years when the expiration was but the estoppel agreements very clear in saying that the effective date of the expiration date is March 15. So, based on that we will have to continue going forward and paying bills through March 15. Now we are completely almost 100% out of the out of the facility. I believe director Tyson there might be a couple little things left.

SUPT. TYSON:

There might be a couple of few things left. But there is a walkthrough actually we're doing with management at 1:30 on Thursday.

MAYOR CURTIS:

Okay. So, we'll be doing that and then the police departments looking at using the facility a little bit some of this month too. So, we are talking to them to see if there's an ability to come to some sort of agreement on some lesser costs going forward because we don't need at this point, but that's where we're at right now. So that is estoppel agreement was found and delivered to us by the landlord so that's what we have to deal with through now through March 15. Any other questions about the bills? Seeing none roll call.

ZACH NEWTON:

Ald Lewis - Aye
Ald Prude - Absent
Ald Johnson - Aye
Ald O'Brien - Aye
Ald Jones - Aye
Ald Osenga - Aye
Clerk Gall - Absent
AYES: 6
NAYS: 0

MAYOR CURTIS:

Bills are approved. Our next item on our agenda, are the monthly activity reports. Starting with Street and Alley DPW.

ACTIVITY REPORTS

DENNIS DOYLE:

Most of it's in your in your report there just a couple of updates. S23 we have got back from the shop so that's back in the fleet. PSI come out and looked at a few things on our

building. One of them being the front wall was hit by a car two weeks ago. We haven't got a price back from them yet or even a good idea what damage is there might be there. So, we'll update you on that. When we get it back. Some time ago. I believe it was last June the West Side Welcome to Kankakee sign was hit by a car hit and run and it nearly back together. Got the base put back together. We were waiting on the sign to be re installed and got hit again. Another hit & run but this time they had to leave the car there. So, it's not clear if there'll be any insurance on that or not. At least at this point we don't have the name of an insurance company. So, we may will we may very well end up eating those costs as well. One more small snowstorm this weekend and that's about it

MAYOR CURTIS:

Any questions for Mr. Doyle?

ALD O'BRIEN:

(inaudible)

MAYOR CURTIS:

Yes, thank you. We'd like to point out the you know, there obviously has been some stolen some ice but the crews their crews have been out doing a lot. If you look over from Hawkins, the underpass. There are a lot of brush and everything has been cleaned up along there. There were some areas over just off a Schuyler over in the Second Ward by River Street. There were some sidewalks that were blocked. They got those taken care of, I think last couple days. So that's kind of cleaned up that area so they've been out doing what I call a lot of that overgrown over the brush that's kind of doesn't look great with leaves come back on in the spring and summer and so we're getting a lot of that cleaned up right now. So, thank you for that and then I will add I actually I last couple snowstorms we've had here is I will say that. In my opinion the streets have been really good especially with the ice on early in the morning getting out and getting the salt down and it's been very good getting through town so thank you for that. Any questions for Mr. Doyle? Moving on to the ESU Technical Services Report. Clara is not here. Mr. Tyson do you have anything to update on at this point?

SUPERINTENDENT TYSON:

No, I know they've been working on replacing the lights that you know we had list of the streetlights and have been out there working on that they've got all the Christmas decorations obviously down and put away and other than that they're just starting to get back into their normal

routine of working on lift stations and things like that. They pretty much have their new office building pretty much set

up.

MAYOR CURTIS:

Does anyone have any questions regarding Alderman

Jones?

ALD JONES:

Is there a light pole for St. Joseph and Court?

MAYOR CURTIS:

Is there a light pole there or not there?

ALD JONES:

There is no light pole there.

MAYOR CURTIS:

So, I'm thinking I'm thinking to one by the marathon. I know we turn them in but you're talking right by St. Joseph

by the old field international dealership?

ALD JONES:

Right by the bowling alley.

SUPERINTENDENT TYSON:

Yeah. Okay I'll look into that in the morning.

MAYOR CURTIS:

Okay, we'll take a look at that. Okay. Any other questions? Next for Environmental Services Utility is the report on the

Sewer Department.

ZACH NEWTON:

Not a whole lot to highlight this month. Just to bring you up to speed. We did pretty much get everything out of the Space Center. As far as I know 99.9% of everything has been moved. Like Dave Tyson said we have a walkthrough this Thursday with the owners. In my opinion, I think we did a great job we went way above and beyond. We've got everything cleared out. Everything fixed up to uphold our end of the bargain. And looking forward to closing that book in moving on to the new building. We're working on getting all that organized 20 years of stuff sorted through and put away and getting back into normal operations.

MAYOR CURTIS:

Next up is our industrial lab for the month of December.

Mr. McGinnis.

RYAN MCGINNIS:

There's not a whole lot to update you guys on the spot. We're still in the process of getting back up to speed. A fully opened up after hiring a new employee and myself training as well. So, we're just in the process of trying to get everything back opened up. We started to run some of

the samples that you've seen the bills that we've been sending out so we're in the process of doing some of those in house but we're not fully back up to speed they're working to get there fast.

FINANCIALS

MAYOR CURTIS:

Any questions from the Alderman regarding Lab Services Okay, next we're going to go with to Item B, which is the financials. Comptroller Kubal, do you want to do this or you want me to

ELIZABETH KUBAL:

Basically, nothing really that large report are still running well under as a general rule I did want to bring to note that the ESU remember we've gotten the (inaudible) paid retros done, but the ESU Lab went up and the ESU sewer was triple that are the operators contract separate contracts. So, both of those we are in the final editing there's been a delay not on our part but on the unions. I believe their manager and we have those interviews with Carolyn, I don't know to show that we are close to having those completed. So that retro goes into effect immediately. So, it should not affect these numbers too tremendously. But I would like to keep everybody up to speed on that. Because I'm going through the reports Maurine starting to do that. I see the line by line like this as well when we want to make sure that everything is aligned with budget where it needs to be and if it's not making sure we make notes for the budget which we're getting ready to prepare we're fairly quickly. On page two, I have nothing special report page one. On page two, same thing. I mean, we're supposed to be at 8.7% and all departments are trending under that on the expense side which is excellent. Obviously, debt service comes up monthly. Having paid three again with public works 7.7% We know that could change if we have that white stuff that I don't like cold snow. We know that that race consequently but right now I'm holding our own and we're in a very good position going to the last three months of the year four months. One thing I would like to mention on the revenue side, as you can see, our revenues are continuing are continuing to lag. We know that this has to do somewhat with the industries and their natural holiday slowdown and things that happen. We also believe that there is some industrial activity that has just slowed for whatever the knees are within their own sector. It's just different types of operations and they're running. I noticed the Mayor has

been in some meetings. We will continue to ask questions about this. I'm not nervous at this point. But we will need to take it very, very hard look at his going budget this year. I feel confident will be solid. But I do believe that we're getting ready to (inaudible) look at budget. We need to predict this revenue as it is probably a bit of a decrease if businesses and the industries tell us or conversation that it does work that we need to be very mindful of that so I do want to make that note tonight. Other than that, I still have not only worked on the capital account, it's a little bit complicated right now because a lot of ins and outs with the LaBeau building, but we will have a final synopsis on that for the next month. And also well by that point because we are in the month of January I will have the first allotment of the ARP money, a lot of that to the utility which will provide a cash flow source into the utility from whatever has been spent thus far this year out of that 650 that we put in the budget originally the first of the two allocations the 1.59 million to the to the general fund for loss of revenues. And then we did 650,000 For general sewer repairs in the ESU and whatever we've tallied thus far, in January as we were waiting to the first year to do that. Any questions?

ALD CRAWFORD:

Elizabeth, do you remember what our original budget was for the LaBeau Building?

ELIZABETH KUBAL:

That's a great question. Originally, we bond remember the million dollars, that's for sure. And then that was to include purchase price which we know was for quarter round numbers, and then improvements which we knew were going to exceed that. I think Mayor, those first numbers and you might have seen it in your documents or maybe even numbers I want to say like 1.4

MAYOR CURTIS:

I thought the construction cost was 1.3. the awarding of the contract was 1.3. For construction costs the purchase of the building I believe was 425,000.

ELIZABETH KUBAL:

That's for sure. So that would have been there but I think originally, we thought we were gonna be more than that 1.4 price range in total. We knew we were like pushing up against the *(inaudible)* Mayor status about 1.7. So maybe we're at like a 1.2 ish originally and then we were at 1.7 is what it really was. And we will certainly are above that when you see the numbers 1.9 now.

MAYOR CURTIS:

We're compiling those numbers now. I think actual out of pocket expenses is just about 1.9 but we probably have about another \$250,000 It's will need to be allocated to the facility, fencing, asphalt. Something we're going to talk about here shortly with the entry key systems and a few other things so.

ELIZABETH KUBAL:

Now we will be able to though on the bright side of the capital expenditures that have gone over budget, we will be able to use obviously the lease payments that we still had to have many, many months of this year's budget that we'll be scoring for next year's operating budget. So that is a help to us for sure.

MAYOR CURTIS:

Are there any additional questions or comments? Alderman O'Brien?

ALD O'BRIEN:

(inaudible) revenue side typically part of the process that we have some conversations with to make forecasts

ELIZABETH KUBAL:

Historically Pete and I believe Alan were involved in those discussions. I've not even placed the call to Ryan yet even talked about this before the none of us have talked about this yet. This is just kind of first round budgets are going through my head now. But we definitely have to with our major players on which there's two or three mostly two, we need to find out what are your trends? Are you looking at your operations plan for the next year? They have a very good grasp of that, obviously, with what they have to do with their estimates at this point. We're a little bit lucky that we took off the fiscal year because they're obviously their production stuff will reset pretty much too. I just don't always get in those first line conversations. The Utility staff which makes sense that are in those conversations, but I'm always brought into the summary of them for sure.

ALD O'BRIEN:

(inaudible).

ELIZABETH KUBAL:

They think historically as much as you think they build a proprietary historically, we've gotten really good estimate as far as they're not afraid to tell you what they think their utilization is going to be, you know, they're not going to talk in dollars, but they'll say you know, we expect to do this kind of production. That's our anticipated amount. And

with that said, that usually helps us to forecast what we believe will be our revenue

UNFINISHED BUSINESS

MAYOR CURTIS:

Any the other questions regarding the financials. Okay, thank you. Next there is no old business. There is some unfinished business, just really some updates. Item A is the hydro plant unit one, I did confirm with Mr. Tyson that this the turbine is still in Michigan and still accounted for. So that is there we are right now patiently waiting to see if there's some additional funding from the state level that could help us with the revitalization and updating of the hydro plant and we hope to hear something hopefully in the next 60 to 90 days. So, we're gonna sit tight until we hear what we might be able to hopefully get from the state of Illinois before we take any action so the other item on there is the I&I study at the last meeting that was forwarded out of this committee to the committee of whole for approval. That was my fault. If you remember at the last meeting, we didn't have a quorum at the beginning of our meeting. We did the first several meetings of the Committee of whole but then I did not go back to that item and bring it forward to vote once we did have a quorum. So, we will bring that forward to the I believe it's 27. All right, our next committee the whole meeting at the end of the month, or so. 24th I'm not even close. Okay, so the 24th So we'll bring that to there. That that was again that was a recommendation. I was ready to send out the committee of whole.

NEW BUSINESS

MAYOR CURTIS:

Next is item a new business. At the last meeting we talked about needing Part of the LaBeau building. And again, we got to come up with a name for that. And one of these points but we'll call it the ESU building issue and code building. We do need to Get security systems in place. They're similar to what we have here in admin building for Entry and exit and also we talked about the last meeting that the systems that we have in place here at the Public Safety building and Admin building. If they were to fail, we would not be able to fix some fine parts or be able to repair it. So, if they do go down, it could take at least a minimum probably 10 days probably more likely 10 to 14 days before you can even fix it. So, we did get some numbers that we were going

to put in talking with Director Tyson today. We want to make sure that we got apples to apples here and we're not there's some unanswered questions we still have with what kinds of systems these are going to be that would go in so we want to make sure that we put this together and bring it back to the committee for proper approval because I'm concerned about making sure that work. We've got the same systems that were bidding against each other on so they're in your packet you can see there but we'll be bringing those back to you. At the next meeting for approval to go forward. I did talk to Comptroller Kubal because like everything, how do we pay for this? And right now, we're looking at probably doing because it's a need that we have to move forward with. We would basically ultimately have ESU pay for this. We do not have capital right now on the issue to cover this cost. So, we would anticipate that this would come out of capital with the due from ESU to pay back capital when the funds are there at the issue and hopefully in the coming year to be able to do that. So that's the plan at this time to create a situation to rectify our entry and exit system. Are there any questions regarding that? Ald O'Brien?

ALD O'BRIEN:

So, when you say when this if the system fails, does that Mean we would not be able to access the building? It means that we would not be able to get in and out of the buildings. That's a pretty big deal.

MAYOR CURTIS:

Yeah. So that's why we're concerned about they had the program software, the software and programs have not been updated. That needs to be so like I said, if they were to go out at any point, and correct me if I'm wrong, or my understanding is we would not be able to get a part or even make it be able to make it work. We couldn't even it would have to be a whole new replacement of the system and the concern would be how long we've been locked out buildings. So, we'd have to bring a locksmith and start putting locks and keys on every door so they can get in and out. So, it's kind of one of those things. I don't think we have much of a decision but we need to move forward on itself. Would it fail in six months or five years? We don't know that answer, but we do know it's got some life too and then it's struggling a little bit. So, our goal would be all three buildings would be tied into the same system. Any other questions? Okay. There is no need for an executive session tonight. Any questions or comments? Seeing none, is there a motion to adjourn?

ADJOURNMENT

ALD OSENGA:

So move

ALD JONES:

Second.

MAYOR CURTIS:

Motioned by Alderman Osenga and seconded by Alderman Jones. All in favor?

ESU BOARD MEMBERS:

Aye.

MAYOR CURTIS:

Opposed same sign? Okay, we are adjourned.

Thank you.

ENVIRONMENTAL SERVICES UTILITY ACCOUNTS PAYABLE

February 22, 2022

CHECK# DA	ATE VENDOR	DESCRIPTION	AMOUNT	ACCOUNT
31528	2/22/2022 A PLUS HOME IMPROVEMENTS	ESUW/DOOR SPRINGS		51.20.577
31528	2/22/2022 A PLUS HOME IMPROVEMENTS	DPW/DOOR REPAIR		51.50.522
		CHECK TOTAL	1,607.00	
04500	0/00/0000			
31529	2/22/2022 A TOUCH OF GLASS CLEANING	DEPOT/DECEMBER CLEANING		51.20.527
31529	2/22/2022 A TOUCH OF GLASS CLEANING	DEPOT/JANUARY CLEANING	•	51.20.527
		CHECK TOTAL	3,475.00	
31530	2/22/2022 AQUA ILLINOIS, INC	1303560969532 1/3-2/1	20.42	51.20.555
31530	2/22/2022 AQUA ILLINOIS, INC	13036580969625 1/5-2/3		51.20.555
		CHECK TOTAL	239.93	51.20.555
		OHEOR TOTAL	200.00	
31531	2/22/2022 ARAMARK	LAB COATS 2/2/22	33.69	51.20.518
31531	2/22/2022 ARAMARK	LAB COATS 2/9/22		51.20.518
		CHECK TOTAL	67.38	
04500	0/00/0000 771 0011 07777			
31532	2/22/2022 BELSON STEEL CENTER	PARTS/SUPPLIES		51.50.572
31532	2/22/2022 BELSON STEEL CENTER	PLOW/HOT ROLLED FLAT		51.50.572
31532	2/22/2022 BELSON STEEL CENTER	HOT ROLLED FLAT		51.50.572
31532	2/22/2022 BELSON STEEL CENTER	HOT ROLLED STRIP		51.50.572
		CHECK TOTAL	776.90	
31533	2/22/2022 BRADBURY PLUMBING HEATING	STN4/ROD SEWER LINE	450.00	51.20.577
			.00.00	01.25.67
31534	2/22/2022 CELLAR GRAPHICS INC	FERC REQUESTED SIGNS	425.00	51.20.503
31535	2/22/2222 24/2544425444252			
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	SOLENOID		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	GROMMETS		51.33.502
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	TRL LAMP		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS 2/22/2022 CHRISTIANSEN AUTO PARTS	SOCKET SET		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS 2/22/2022 CHRISTIANSEN AUTO PARTS	RIVETS, AIR RIVET TOOL		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS 2/22/2022 CHRISTIANSEN AUTO PARTS	ADAPTER		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	CAPSULE, LAMP		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	FILTERS,SOLVENT BATTERIES		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	S8/CAPSULES		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	BLADES		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	BULB, BLADE		51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	EXACTFIT-BEAM, LAMP		51.33.502
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	SPARK PLUGS		51.33.502 51.50.572
31535	2/22/2022 CHRISTIANSEN AUTO PARTS	BULBS		51.50.572
		CHECK TOTAL	1,593.46	51.50.572
		3.123.(13.7.(2	1,000.40	
31536	2/22/2022 CITY OF KANKAKEE	W/C - JANUARY	23,500.00	51.10.454
31536	2/22/2022 CITY OF KANKAKEE	LIABILITY - JANUARY	7,141.00	51.10.536
31536	2/22/2022 CITY OF KANKAKEE	LIFE INS - JANUARY	220.00	51.10.456
31536	2/22/2022 CITY OF KANKAKEE	WT COPIER - JANUARY	86.43	51.40.522
		CHECK TOTAL	30,947.43	
31537	2/22/2022 COMCAST	8441400010622449-FEB	10 50	51.10.522
2.501		077 17000 10022443-FED	10.53	J1.10.022
31538	2/22/2022 COMED	614479015	327.52	51.20.551
31538	2/22/2022 COMED	0094099073 12/29-1/31	1,637.98	51.20.551
31538	2/22/2022 COMED	0128159053 12/29-1/31	803.86	51.20.551
31538	2/22/2022 COMED	0207105128 12/29-1/31	378.01	51.20.551

31538 31538 31538	2/22/2022 COMED 2/22/2022 COMED 2/22/2022 COMED	0141163037 12/29-1/31 0458025048 12/29-1/31	407.57 51.20.551 483.13 51.20.551
31538	2/22/2022 COMED	0416085008 12/29-1/31	118.65 51.20.551
31538	2/22/2022 COMED	0298092065 12/29-1/31	244.16 51.20.551
31538	2/22/2022 COMED	0134067011 12/29-1/31	326.82 51.20.551
31538	2/22/2022 COMED	0063043121 12/29-1/31	197.36 51.20.551
		1360457004 1/5-2/4	1,493.41 51.20.551
		CHECK TOTAL	6,418.47
31539	2/22/2022 COMPASS MINERALS AMERICA	SALT	12 095 66 51 50 502
31539	2/22/2022 COMPASS MINERALS AMERICA	SALT	12,085.66 51.50.502 12,473.50 51.50.502
		CHECK TOTAL	24,559.16
04540	- 10-10-2-2	51,231,131,12	24,000.10
31540	2/22/2022 CONNOR COMPANY	ABRASIVE MESH	12.22 51.20.502
31541	2/22/2222 2222		
31341	2/22/2022 CONSTELLATION NEWENERGY	707619-1 12/29-1/31	3,477.21 51.20.551
31542	2/22/2022 CUMMINS SALES AND SERVICE		
01072	212212022 COMMINS SALES AND SERVICE	HILLCREST PUMP REPAIR	3,244.95 51.10.522
31543	2/22/2022 DEPKE GASES & WELDING	0.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	
31543	2/22/2022 DEPKE GASES & WELDING	CYLINDER RENTAL	93.00 51.50.522
31543	2/22/2022 DEPKE GASES & WELDING	CUTTING TIP	67.47 51.50.502
31543	2/22/2022 DEPKE GASES & WELDING	OXYGEN	59.85 51.50.502
	SEL SEL NE CACCO & WEEDING	GLOVES,ELECTRODE,CAP, CHECK TOTAL	173.20 51.50.572
		CHECK TOTAL	393.52
31544	2/22/2022 EUROFINS ENVIRONMENT	TESTING 12/21/21	1,070.00 51.40.522
31544	2/22/2022 EUROFINS ENVIRONMENT	TESTING 12/28/21	482.50 51.40.522
31544	2/22/2022 EUROFINS ENVIRONMENT	TESTING 1/4/22	1,677.50 51.40.522
31544	2/22/2022 EUROFINS ENVIRONMENT	TESTING 1/11/22	712.50 51.40.522
		CHECK TOTAL	3,942.50
24545	0/00/0000 7/17 0 7/1/10		-,-
31545	2/22/2022 EUROFINS LANCASTER	MILLIPORE TESTING	5,917.50 51.40.522
31546	2/22/2022 FASTENAL COMPANY		
01040	ZIZZIZUZZ FASTENAL CUMPANY	BIT	2.24 51.33.502
31547	2/22/2022 FIRST AUTO COLOR	DIVIT DEEL TVDE	
31547	2/22/2022 FIRST AUTO COLOR	RIVIT, PEEL TYPE RIVIT, PEEL TYPE	40.67 51.50.572
	=======	CHECK TOTAL	43.48 51.50.572
		CHECK TOTAL	84.15
31548	2/22/2022 FLEETPRIDE	HOSES	118.29 51.50.572
31548	2/22/2022 FLEETPRIDE	S29/SPEED SENSOR	131.21 51.50.572
		CHECK TOTAL	249.50
04540			= 11100
31549 31549	2/22/2022 GLASSWORKS	17/WINDSHIELD BRACKET	275.00 51.50.572
31549	2/22/2022 GLASSWORKS	26/WINDSHIELD INSTALL	250.00 51.50.572
		CHECK TOTAL	525.00
31550	2/22/2022 GORDON ELECTRIC SUPPLY	COMPUT OF ALL OF AFTER	
31550	2/22/2022 GORDON ELECTRIC SUPPLY	CONDUIT, SEAL, CEMENT,	95.89 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	RECEPTACLE,COVER LATE INV'S SERVICE FEES	72.05 51.50.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	BRIDLE RING	16.66 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	CONNECTOR, CAULK, BOX	18.82 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	GFCI OUTLET	51.58 51.33.503 35.38 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	TESTER, MOUNT, CAULK	51.00 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	RECEPTACLE, SQUARE BOX	350.77 51.33.503
31550	2/22/2022 GORDON ELECTRIC SUPPLY	WASHER	2.98 51.33.503
31550	2/22/2022 GORDON ELECTRIC SUPPLY	ROD, CONNECTOR, ASSEMBLY	34.71 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	LED LAMPS	47.70 51.33.503
31550	2/22/2022 GORDON ELECTRIC SUPPLY	30 WATT LED	329.20 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	CONDUIT, CLAMP,STRAP	397.14 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	REFUND-CONDUIT,STRAP	91.10CR 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	CONDUIT, CLAMP, STRAP	75.81 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	CONDUIT, GASKET, HOOK	23.98 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	LAMPS	741.29 51.33.503

31550	2/22/2022 GORDON ELECTRIC SUPPLY	LAMPS	04740 5400 55-
31550	2/22/2022 GORDON ELECTRIC SUPPLY	BULBS	247.10 51.33.502 514.20 51.33.502
31550 31550	2/22/2022 GORDON ELECTRIC SUPPLY	LED BEAM	264.50 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	MILW BI MET BD	18.78 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	FLEX,BOX,PLATE,CONNECTOR	298.91 51.33.502
31330	2/22/2022 GORDON ELECTRIC SUPPLY	CAP,BREAKER,BLADE,COVER	89.42 51.33.502
04554		CHECK TOTAL	3,686.77
31551	2/22/2022 HACH COMPANY	PHOSPHORUS KITS	371.22 51.40.502
31552	2/22/2022 HOSE HEADQUARTERS	26,33/HOSE,COUPLER,TAPE	357.20 51.50.572
31553 31553	2/22/2022 INTERSTATE BILLING SVC	FLANGE	335.00 51.50.572
31553	2/22/2022 INTERSTATE BILLING SVC	S26/WINDSHIELD ASM	325.00 51.50.572
31553	2/22/2022 INTERSTATE BILLING SVC 2/22/2022 INTERSTATE BILLING SVC	20/WIPER MOTER, ARMS	562.90 51.50.572
0.000	ZIZZIZZZZ INTERSTATE BILLING SVC	FENDER AND MUDFLAPS	2,830.00 51.50.572
		CHECK TOTAL	4,052.90
31554	2/22/2022 JOE'S AUTOMOTIVE INC	GMC/OIL CHANGE	74.43 51.20.572
31554	2/22/2022 JOE'S AUTOMOTIVE INC	#14/WATER PUMP REPAIR	520.36 51.20.572
		CHECK TOTAL	594.79
31555	2/22/2022 KANKAKEE ACE HARDWARE	SNOW PUSHER	38.38 51.20.503
31555 31555	2/22/2022 KANKAKEE ACE HARDWARE	COUPLER LOCK	27.83 51.33.502
31555	2/22/2022 KANKAKEE ACE HARDWARE	BATTERIES, FASTENERS	37.53 51.33.502
31555	2/22/2022 KANKAKEE ACE HARDWARE 2/22/2022 KANKAKEE ACE HARDWARE	STRAP, SASH, STPL	39.47 51.50.502
31555	2/22/2022 KANKAKEE ACE HARDWARE	FASTENERS	10.56 51.33.502
31555	2/22/2022 KANKAKEE ACE HARDWARE	NIPPLE, COUPLING PIPE TEE,NIPPL,BUSH	5.74 51.20.502
		CHECK TOTAL	11.78 51.20.502
24550	0/00/0000 11111111111111111111111111111	CHECK TOTAL	171.29
31556 31556	2/22/2022 KANKAKEE RIVER METRO	OPERATION, MAINT-FEBRUARY	240,833.00 51.30.553
31556	2/22/2022 KANKAKEE RIVER METRO 2/22/2022 KANKAKEE RIVER METRO	OWNERSHIP-FEBRUARY	189,782.00 51.30.553
0.1000	212212022 RANKAKEE RIVER METRO	DEBT SERVICE-FEBRUARY	69,292.00 51.30.553
		CHECK TOTAL	499,907.00
31557	2/22/2022 KANKAKEE TRUCK EQUIPMENT	CUT EDGE COUNTER SUNK	668.80 51.50.572
31557 31557	2/22/2022 KANKAKEE TRUCK EQUIPMENT	GATE JACKS	1,043.60 51.50.572
31337	2/22/2022 KANKAKEE TRUCK EQUIPMENT	NIGHTHAWK HEADLIGHT	365.00 51.50.572
		CHECK TOTAL	2,077.40
31558	2/22/2022 KONE CHICAGO	ADM/ASSIST ANNUAL INSPCT	317.00 51.20.577
31559	2/22/2022 LABEAU BROTHERS, INC	#21/FULL MAINTENANCE	944.04 51.20.572
31559	2/22/2022 LABEAU BROTHERS, INC	#19/FULL SVC CHECK	717.09 51.20.572
		CHECK TOTAL	1,661.13
31560	2/22/2022 LAWSON PRODUCTS, INC	WHEEL,BOLTS,NUTS,WASHERS	600 00 54 50 500
31560	2/22/2022 LAWSON PRODUCTS, INC	WASHERS, SCREWS	609.96 51.50.572 94.77 51.50.502
31560	2/22/2022 LAWSON PRODUCTS, INC	COIL,NUTS,COUPLING	1,052.07 51.50.572
31560	2/22/2022 LAWSON PRODUCTS, INC	COTTER PINS	68.78 51.50.572
		CHECK TOTAL	1,825.58
31561	2/22/2022 LIGORI AUTO WRECKING	TIRE DISPOSAL 2/7/22	183.00 51.50.522
31562	2/22/2022 MENARDS #30930262	FLASHLIGHT	34.99 51.50.502
31563	2/22/2022 MENARDS #30930322	SALT	557 CO E4 OO E77
31563	2/22/2022 MENARDS #30930322	PAINT, SANDING BLOCKS,	557.62 51.20.577 40.29 51.33.502
31563	2/22/2022 MENARDS #30930322	SHELF UNITS	887.75 51.20.577
31563	2/22/2022 MENARDS #30930322	DRILL BITS, PLATES,	215.10 51.20.577
		CHECK TOTAL	1,700.76
31564	2/22/2022 MICKEYS LINEN & TOWEL SUPPLY	301867-UNIFORMS 1/11/22	70.09 51.50.522

31550 31550	2/22/2022 GORDON ELECTRIC SUPPLY	LAMPS	247.10 51.33.502
31550 31550	2/22/2022 GORDON ELECTRIC SUPPLY 2/22/2022 GORDON ELECTRIC SUPPLY	BULBS	514.20 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	LED BEAM MILW BI MET BD	264.50 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	FLEX,BOX,PLATE,CONNECTOR	18.78 51.33.502 298.91 51.33.502
31550	2/22/2022 GORDON ELECTRIC SUPPLY	CAP,BREAKER,BLADE,COVER	89.42 51.33.502
		CHECK TOTAL	3,686.77
31551	2/22/2022 HACH COMPANY	PHOSPHORUS KITS	371.22 51.40.502
31552	2/22/2022 HOSE HEADQUARTERS	26,33/HOSE,COUPLER,TAPE	357.20 51.50.572
31553	2/22/2022 INTERSTATE BILLING SVC	FLANGE	335.00 51.50.572
31553 31553	2/22/2022 INTERSTATE BILLING SVC 2/22/2022 INTERSTATE BILLING SVC	S26/WINDSHIELD ASM	325.00 51.50.572
31553	2/22/2022 INTERSTATE BILLING SVC	20/WIPER MOTER, ARMS FENDER AND MUDFLAPS	562.90 51.50.572
	SELLING GVG	CHECK TOTAL	2,830.00 51.50.572 4,052.90
31554	2/22/2022 JOE'S AUTOMOTIVE INC	GMC/OIL CHANGE	74.43 51.20.572
31554	2/22/2022 JOE'S AUTOMOTIVE INC	#14/WATER PUMP REPAIR	520.36 51.20.572
		CHECK TOTAL	594.79
31555 31555	2/22/2022 KANKAKEE ACE HARDWARE 2/22/2022 KANKAKEE ACE HARDWARE	SNOW PUSHER	38.38 51.20.503
31555	2/22/2022 KANKAKEE ACE HARDWARE	COUPLER LOCK BATTERIES, FASTENERS	27.83 51.33.502
31555	2/22/2022 KANKAKEE ACE HARDWARE	STRAP, SASH, STPL	37.53 51.33.502 39.47 51.50.502
31555	2/22/2022 KANKAKEE ACE HARDWARE	FASTENERS	10.56 51.33.502
31555 31555	2/22/2022 KANKAKEE ACE HARDWARE 2/22/2022 KANKAKEE ACE HARDWARE	NIPPLE, COUPLING	5.74 51.20.502
01000	2/22/2022 RANKAREE ACE HARDWARE	PIPE TEE,NIPPL,BUSH CHECK TOTAL	11.78 51.20.502 171.29
31556	2/22/2022 KANKAKEE RIVER METRO	OPERATION,MAINT-FEBRUARY	240,833.00 51.30.553
31556	2/22/2022 KANKAKEE RIVER METRO	OWNERSHIP-FEBRUARY	189,782.00 51.30.553
31556	2/22/2022 KANKAKEE RIVER METRO	DEBT SERVICE-FEBRUARY	69,292.00 51.30.553
		CHECK TOTAL	499,907.00
31557	2/22/2022 KANKAKEE TRUCK EQUIPMENT	CUT EDGE COUNTER SUNK	668.80 51.50.572
31557 31557	2/22/2022 KANKAKEE TRUCK EQUIPMENT	GATE JACKS	1,043.60 51.50.572
31007	2/22/2022 KANKAKEE TRUCK EQUIPMENT	NIGHTHAWK HEADLIGHT	365.00 51.50.572
31558	2/22/2022 KONE CHICAGO	CHECK TOTAL	2,077.40
31559		ADM/ASSIST ANNUAL INSPCT	317.00 51.20.577
31559	2/22/2022 LABEAU BROTHERS, INC 2/22/2022 LABEAU BROTHERS, INC	#21/FULL MAINTENANCE #19/FULL SVC CHECK	944.04 51.20.572
	and the site of the training into	CHECK TOTAL	717.09 51.20.572 1,661.13
0.1.500		5.125.K 1517.E	1,001.10
31560 31560	2/22/2022 LAWSON PRODUCTS, INC 2/22/2022 LAWSON PRODUCTS, INC	WHEEL,BOLTS,NUTS,WASHERS	609.96 51.50.572
31560	2/22/2022 LAWSON PRODUCTS, INC	WASHERS,SCREWS COIL,NUTS,COUPLING	94.77 51.50.502
31560	2/22/2022 LAWSON PRODUCTS, INC	COTTER PINS	1,052.07 51.50.572 68.78 51.50.572
		CHECK TOTAL	1,825.58
31561	2/22/2022 LIGORI AUTO WRECKING	TIRE DISPOSAL 2/7/22	183.00 51.50.522
31562	2/22/2022 MENARDS #30930262	FLASHLIGHT	34.99 51.50.502
31563	2/22/2022 MENARDS #30930322	SALT	557.62 51.20.577
31563	2/22/2022 MENARDS #30930322	PAINT,SANDING BLOCKS,	40.29 51.33.502
31563	2/22/2022 MENARDS #30930322	SHELF UNITS	887.75 51.20.577
31563	2/22/2022 MENARDS #30930322	DRILL BITS, PLATES,	215.10 51.20.577
		CHECK TOTAL	1,700.76
31564	2/22/2022 MICKEYS LINEN & TOWEL SUPPLY	301867-UNIFORMS 1/11/22	70.09 51.50.522

31564 31564 31564 31564 31564 31564	2/22/2022 MICKEYS LINEN & TOWEL SUPPLY	3907/ESU-E MAT SVC 2/1 3908/ESU-W MAT SVC 2/1 301867-UNIFORMS 2/1/22 5321/PBS MAT SVC 2/1/22 5210/ADM MAT SVC 2/1/22 301867-UNIFORMS 2/8/22 CHECK TOTAL	50.00 51.20.518 50.00 51.20.518 70.09 51.50.522 64.00 51.20.518 50.00 51.20.518 70.09 51.50.522 424.27
31565	2/22/2022 MIKE'S SERVICE	CARB,SHAFT,FILTER,LABOR	346.10 51.50.572
31566	2/22/2022 MONROE TRUCK EQUIPMENT	JACK ADJUSTMENT	238.68 51.50.572
31567	2/22/2022 NICOR GAS	80197020003 1/5-2/3	169.91 51.20.552
31568	2/22/2022 NSI LAB SOLUTIONS	QC SAMPLES 2/1/22	144.25 51.40.529
31569	2/22/2022 PEERLESS NETWORK	97740017800 2/15/22	120.06 51.20.554
31570	2/22/2022 PIGGUSH ENGINEERING	N SCHUYLER ADA, LIGHTS	1,000.00 51.10.522
31571	2/22/2022 PROTECTION ASSOCIATES	STONE ST/ALARM 3/1-5/31	180.00 51.20.577
31572	2/22/2022 RELIABLE FIRE & SECURITY	RADIATOR REPAIR	93.00 51.50.572
31573	2/22/2022 RIVERSIDE COMM CREDIT UNION	SAFETY INCENTIVE	2,535.75 51.10.566
31574 31574 31574 31574	2/22/2022 RIVERSIDE WORKFORCE HEALTH 2/22/2022 RIVERSIDE WORKFORCE HEALTH 2/22/2022 RIVERSIDE WORKFORCE HEALTH 2/22/2022 RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 1/26/22 NH SCREEN 1/31/22 DOT SCREEN 1/31/22 NH PHYSICAL 2/3/22 CHECK TOTAL	95.00 51.50.522 50.00 51.10.502 90.00 51.50.522 55.00 51.10.502 290.00
31575	2/22/2022 RON O'CONNOR	CONCRETE, ASPHALT 1/11	1,400.00 51.50.531
31576	2/22/2022 RYAN NORWELL LAW, LLC	JANUARY SERVICES	7,500.00 51.10.522
31577	2/22/2022 S.C. ALTMAN & ASSOCIATES	WASH, DEGREASER	330.93 51.50.502
31578	2/22/2022 SAFETY-KLEEN SYSTEMS	WASHER SOLVENT	374.30 51.50.522
31579 31579	2/22/2022 SERVICE SANITATION INC 2/22/2022 SERVICE SANITATION INC	FEB RENTAL-WASHINGTON FEB RENTAL-STARLITE CHECK TOTAL	143.80 51.50.522 166.78 51.50.522 310.58
31580	2/22/2022 TRANE U.S. INC.	ADM/HVAC REPAIR	1,345.00 51.20.577
31581	2/22/2022 TYSON ENTERPRISES, LLC	SERVICES 1/1 - 1/31/22	10,000.00 51.10.522
31582 31582	2/22/2022 UNIVERSAL BACKGROUND 2/22/2022 UNIVERSAL BACKGROUND	NH BACKGROUND 1/18/22 NH BACKGROUND 1/26/22 CHECK TOTAL	39.50 51.10.502 39.50 51.50.522 79.00
31583	2/22/2022 USABLUEBOOK	SAFETY GLOVES	45.71 51.40.517
31584 31584	2/22/2022 VANSCO SUPPLY, INC. 2/22/2022 VANSCO SUPPLY, INC.	TOWELS, CLEANERS CUPS CHECK TOTAL	464.25 51.20.527 148.00 51.20.527 612.25
31585 31585	2/22/2022 VERIZON WIRELESS 2/22/2022 VERIZON WIRELESS	98045906400001 1/5-2/4 84206000000001 1/7-2/6 CHECK TOTAL	1,028.93 51.20.554 473.55 51.20.554 1,502.48
31586	2/22/2022 VIERS COFFEE	COFFEE SUPPLIES	99.95 51.50.502

31587 2/22/2022 WELDSTAR COMPANY AA GAS 338.36 51.40.503 31588 2/22/2022 WESTSIDE TIRE & ALIGNMENT S8/TIRE AND REPAIR 229.00 51.50.572 31589 2/22/2022 WINTER EQUIPMENT CO PLOWGUARD GUAGES 1,670.28 51.50.572 **TOTAL 2/2/22** \$ 636,739.94 FOR ESU COMMITTEE TOTAL 2/7/22 834,860.26 TOTAL 2/22/22 636,739.94 TOTAL FOR FEBRUARY 1,471,600.20

ESU Street & Alley Report for February 22, 2022

- 1) Alleys: Brush pick up has been suspended. Brush piles are largely inaccessible due to the snow cover. Available trucks have been converted over for snow removal.
- 2) Patching: Freeze / thaw and plowing have opened up pot holes that needed to be addressed.
- 3) Mowing: Work on empty lots was progressing. On hold until snow cover melts.
- 4) Tree Work: Significant stumping progress prior to the snow cover.
- 5) Snow: Has required almost daily attention for the last couple weeks. Equipment deficiencies, including front line trucks, loaders and small equipment are being addressed.



ESU TECHNICAL SERVICES REPORT JANUARY 2022

Administration

- 2 Billing Correction
- 2 Calls to DPW
- 2 Calls to Republic
- 3 Services Moving
- 0 Sewer Claims

Investigated 3 customer complaints

Worked with Code Enforcement regarding 1 properties

Assisted Aqua regarding 1 properties

Traffic/Energy/Historic Light Invoices

Requested Police Reports for Accidents

Dispatch Calls

Assist with Monthly Reports

Monitored Technical Services Budget

Preparing Draft for Technical Services Budget/Admin line items

ESU Minutes and Board Packet

ESU Monthly Board Meeting

ESU Tech Accts Receivable and Prepare Payables

Assist Walk In Customers

Assist ESU Administrative Specialists per Division

City Website New Resident Guide - Resident Resources (Hold)

Monitored Fleet Management Program

Storm Management Program WIP

Revising ESU Processes and Procedures

Met with Interim Superintendent

Met with Electric Vendor

Conference Call with Electric Vendor

Organizing New Tech Building

Filed Employee Injury Report

Electricians Field Report

 Poles knock down on Route 45-52 and South Tech, Fifth and Stone Street, River and Chicago. Picked up damage poles and debris. Check for bad wires and broken anchor bolts.

- Installed rigid pipe, pulled wire and attached light fixtures for lights on the front of the West Tech Building.
- Installed air compressor, pulled network cables and add additional outlets in locations in the east sewer building.
- Space Center first floor made light repairs, installed LED light fixture.
- Installed light fixture and outlets for new work bench at DPW.
- Fire Department Station 6 fire truck exhaust fan motor failed. Uninstalled motor took in for repairs. Installed new exhaust fan motor.
- Installed TV on the first floor at the library
- Installed network cables for CDA
- Hillcrest lift station failed pump. Disconnect pump, made high voltage test on motor circuit. Replace outdoor lighting with LED fixture.
- Northland lift station failed pump. Disconnect pump. Bad outlet in the man hole install new ground fault interrupter (GFCI) outlet.
- Indian meadows lift station uninstalled failed heater replace with new heater. Transducer repair to read level of sewage.
- Administration/ public safety building repaired flag pole and bollard light fixture.
- Streetlight repairs on east court street.

Environmental Services Utility Sewer Services Monthly Report – JANUARY 2022

Sewer Calls: 8

Grease Traps Inspected: 41

JULIE Locates: 295

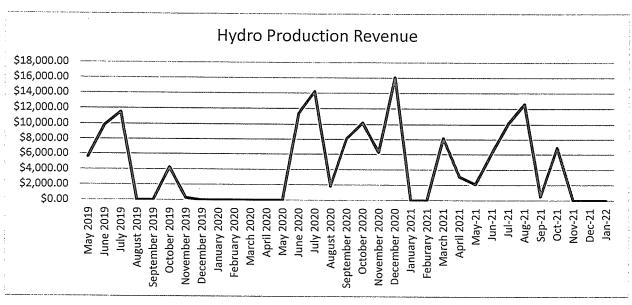
Sanitary and Storm Lines Cleaned: 2,437ft (0.46 miles)

Sanitary and Storm Lines Televised: 482ft (0.09 miles)

Hydro Production Report

"Hydro" $-\,$ 0 Production Hours $-\,$ (Running weather and river conditions permitting.)

0 kWh Produced (0 Mega Watts) - NOT RUNNING



Lift Station Updates

Gar Creek Pump 1 blocked with underwear – most likely from Jerome Combs Detention Facility Pulled pump 1 at Indian Meadows for service

Construction Updates

Milder weather needed to resume construction

Infrastructure Updates

City Building Lots and downtown parking lots snow removal as needed

Sinkholes investigated and televised

Berkots parking lot sinkhole -

1730 W Hickory St

 $\label{eq:percentage} \textit{FERC Requested signage} - \textit{No Boating Near Dam received}. \ \textit{Install at a later date before } \\ \textit{Memorial Day}$

Annual Dept of Energy, Energy Information Administration Reports for the Hydro EIA-923S and EIA-860

EIA 923M for month of January submitted

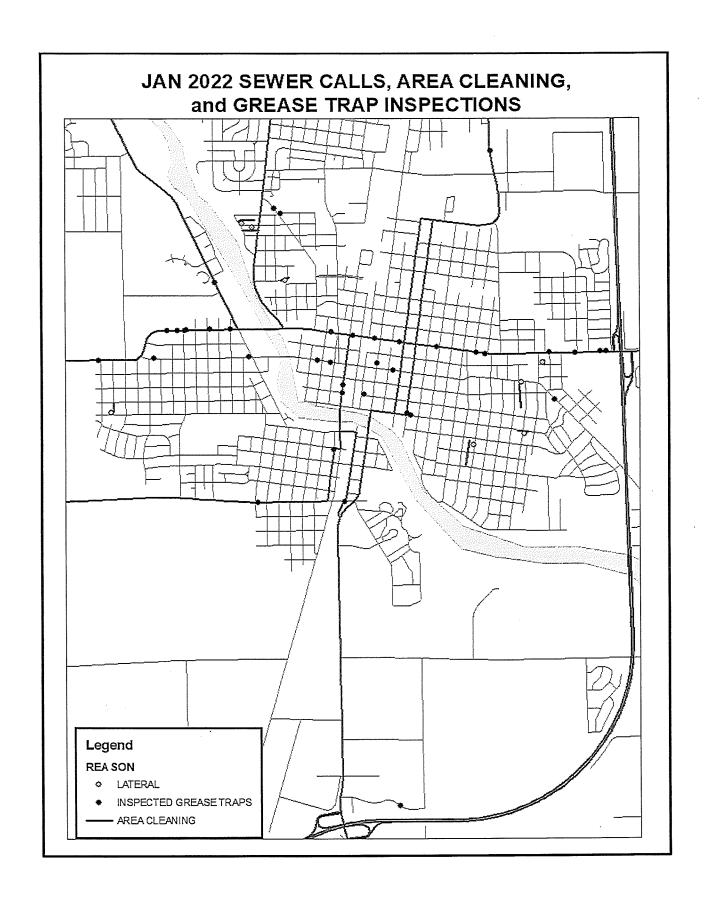
Building Maintenance Update

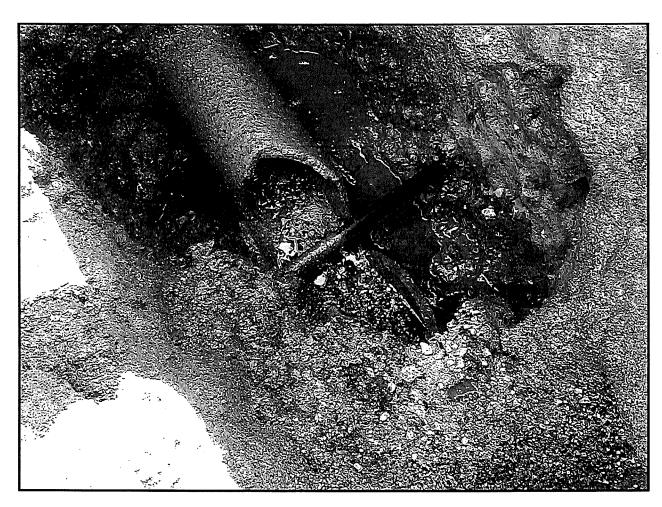
Organization of the new buildings continues – almost finalized Lights changed at PSB, Library, ECDA

Geographic Information System Updates

ECDA TIF map and data

BAS Census Bureau Survey Complete





Berkot's Display sign electrical ran through our sewer line

INDUSTRIAL--LAB SERVICES MONTHLY REPORT January 2022

- I. Industrial Services Pretreatment Program
 - A. Automatic 24-Hour Composite Sampling:
 - 1. Grief Bros- 3 days
 - 2. Ardex-3 days
 - 3. Plochman-3 days
 - B. Monthly random grab samples due to inconsistent compliance with pretreatment and/or City Ordinance limits at:

None for January 2022

C. Miscellaneous

- 1. Lab management prepared and forwarded the laboratory billing invoice for testing both to KRMA and to the Comptroller's Office.
- 2. Lab management performed random industrial spot checks throughout the month.
- 3. Lab management forwarded monthly wastewater reporting for Armstrong Cooling Water to the respective Armstrong personnel, Stelle wastewater reporting to the respective community of Stelle personnel, CHS (Central High School) wastewater reporting to the respective CHS operations personnel, Clifton wastewater reporting to the respective Clifton operations personnel, and Van Drunen wastewater reporting to the respective Van Drunen personnel.
- 4. Lab management received and reviewed the monthly continued compliance report from Special Waste Disposal for January 2022 (due by end of February). Submission of the monthly report is a permit requirement for SWD (newly permitted and unique centralized waste industrial discharger).
- 5. Lab personnel have continued testing on industrial and hauled-in dischargers for total phosphorus through January 2022 (began in October 2020). Per KRMA request, testing will continue and results will be forwarded until further notice.
- 6. Lab management has kept in regular contact with CSL Behring as they have developed a compliance plan/schedule for both pH adjustment and ammonia treatment. Phase one (permanent pH treatment) commenced on Monday, October 11, 2021. CSL Behring has achieved a more consistent pH as a result of phase one. Phase 2 is in construction.
- 7. The "Sanitary Extension" project at Dow Chemical (Rohm Haas) has concluded and since May 12, 2020 (the afternoon of May 11 saw the "switch-over" to the new infrastructure), Laboratory Services have used the new sampling location for wastewater collection. Reimbursement that began with the project's start in November 2019 has been added to Dow's monthly sewer invoicing. As of the end of January 2022, twenty-seven (27) reimbursement payments have been issued with Dow's statements. An agreement was reached from meeting with Dow in March 2021 that additional payments will be extended through May 2022 to cover change costs (on Dow's portion) from the project.
- 8. January 2022 (and since late 2018) has continued to see Kensing sending mostly untreated wastewater to the KRMA plant as a result of their complete shutdown of their activated sludge treatment system. Dosing of an odor control agent with assistance from an environmental contractor has commenced in March 2020 and

- is ongoing. Lab management continues to forward communication from Operations management on H2S concentrations within the lift station/sewer infrastructure to Kensing as part of their ongoing data collection.
- 9. The Dow (Rohm Haas) Remediation site (located on the south end of BASF property) continues to be shut down through January 2022 and as such there are no pretreatment requirements. In continuing their rebound study, Dow is pursuing a "No Further Action" (NFA) status with Illinois EPA. As such, no further discharge is planned under this wastewater permit which has not been renewed. Communication has been received by Dow's environmental contractor and NFA has not been granted yet. For this remediation site, Dow is still working through the reporting process and discussion with IL EPA for the NFA.
- 10. Lab management was contacted by US EPA, Region 5, regarding a formal information request (remote audit) on March 23, 2021. Pretreatment data, including site inspections, permits, and enforcement actions, has been compiled, scanned, and sent electronically to US EPA via mail on an USB flash drive. Due to an inability of US EPA to locate the original package (confirmed delivery on May 7, 2021 with USPS), lab management with assistance from KRMA resubmitted all requested data on June 9, 2021. Confirmation from US EPA was received on June 23, 2021 that the package had made it to the correct official. US EPA responded on September 27, 2021, regarding the information request with a follow up containing five areas of concern involving specific permit language along with enforcement and publication issues with non-compliant industrial users. Partnering with KRMA (provides pretreatment on hauled-in users), lab management responded back with an action plan (permit amendments and explanations) to US EPA on October 25, 2021. For further evidence of a return to compliance, lab/KRMA will also provide documentation by the due date (120) days from original e-mail on January 25, 2022) as a follow up to US EPA's remote audit. The proper compliance documentation was sent to the EPA and was approved by the EPA. The City of Kankakee and KRMA pretreatment programs are now in full compliance with the EPA.
- 11. Partnering with Operations Management, the Lab Group has successfully begun the process of sampling/testing for the City's MS4 (Municipal Separate Storm Sewer System) NPDES permit. There are eight outfalls within or just outside City borders that will be sampled quarterly for a range of parameters including solids, pH, mercury, and oil/grease (total of 11 different analyses). This has been finished for 2021 and will begin again in March of 2022.
- 12. The laboratory has begun testing four sample locations for KRMA (upstream and downstream Kankakee River along with Station Street Bridge and Warner Bridge) for total phosphorus starting August and continuing into October 2021. This testing is being performed to assist KRMA with their current NPDES permit with a special condition for a Nutrient Assessment Reduction Plan (NARP). This testing has been paused through the winter and will resume in April of 2022.
- 13. The laboratory has successfully placed the vehicle bid order with Court Street Ford for the Ford F-250 Super Duty 4x4. Production time has increased drastically and the Court Street Ford estimated delivery to dealership is 30 plus weeks. Any updates will be provided to this summary report as they are received.
- 14. Communication and several remote discussions have been initiated with Perkin Elmer (lab equipment manufacturer for the Utility's AA and mercury units) as through our twice-per-year maintenance agreement, the laboratory was informed that our current AA unit (purchased/installed in 2004) has reached the end of its

serviceable life (needed repairs done as "best-fit" and obsolete replacement parts). The current atomic absorption unit (Perkin Elmer AA 400) is responsible for analyzing all of the permit limited metals (for KRMA parameters, hauled-in waste, and industrial) including cadmium, copper, lead, molybdenum, nickel, silver, zinc, chromium, and manganese. An average of about 20 to 25 samples are analyzed per week for a total of about 500 to 600 metals analyses per month. Getting preliminary estimates on instruments and prerequisite equipment (chiller, autosampler, line conditioner, etc.), the purchase will need to be budgeted for roughly \$90,000.

- 15. A new employee, Seth Hall, began working on November 8 and has been successfully completing training. He is expected to be fully trained by the end of the 6 month probation period that ends in May of 2022.
- 16. Dow has made a decision to reroute their reverse osmosis water back into their plant. Due to this rerouting, it is expected that Dow will send approximately five hundred fifty thousand (550,000) gallons less water through the City of Kankakee sewer system.
- II. Industrial Monitoring Program (User Charge)
 - A. For the month of January 2022, the approximate number of samples collected:
 - 200 Scheduled user-charge grab samples
 - 272 Industrial spot checks
 - 6 Oil & Grease samples
 - 0 Continued pretreatment monitoring grab samples
 - 478 Total for the month (20 days)

B. Wastewater Violation Discharge Notice issued for:

None issued for January 2022

C. User Charge Billing Reports

- 1. The monthly user charge/pretreatment billing reports were prepared and submitted to the Comptroller's Office for final processing.
- 2. Flow summaries for the "Big Two" Industries for 2022:

2022	Kensing	CSL Behring
	Total Flow	Total Flow
	MG	MG
Month		
Jan-2022	20.055	24.9534
Feb-2022		
Mar-2022		
Apr-2022		
May-2022		
Jun-2022		
Jul-2022		
Aug-2022		
Sep-2022		
Oct-2022		
Nov-2022		
Dec-2022		
National		
TOTAL	20.055	24.9534
Average	20.0550	24.9534

3. Monthly industrial flow/surcharge/pretreatment billing summaries for 2022:

INDUSTRIAL MONTHLY CHARGES						
2022						
	KENSING	CSL/NORTH	ROHM HAAS/DOW			
JANUARY						
Flow Charges	\$224,081	\$278,812	\$27,460			
Surcharge/Pretreatment	\$22,413	\$19,729	\$17,442			
FEBRUARY						
Flow Charges						
Surcharge/Pretreatment						
MARCH						
Flow Charges						
Surcharge/Pretreatment						
APRIL						
Flow Charges						
Surcharge/Pretreatment						
MAY						
Flow Charges						
Surcharge/Pretreatment						
JUNE						
Flow Charges						
Surcharge/Pretreatment						
JULY						
Flow Charges						
Surcharge/Pretreatment						
AUGUST			,			
Flow Charges						
Surcharge/Pretreatment						
SEPTEMBER						
Flow Charges						
Surcharge/Pretreatment						
OCTOBER						
Flow Charges						
Surcharge/Pretreatment						
NOVEMBER						
Flow Charges						
Surcharge/Pretreatment						
DECEMBER						
Flow Charges						
Surcharge/Pretreatment						

III. Analytical Services

- A. PDC testing Monthly QC Round Robin was performed.
- B. Lab is running normally with some training and employee absence.

AA Section samples from January 1, 2022 to January 31, 2022.

Cyanide samples – 27

Industrial samples – 12 samples / 84 metals

Hauler samples – 29 samples / 203 metals

In-plant samples – 2 samples / 15 metals

Mercury samples – 49 samples

Hydrocarbon oil/grease - 0 samples

Due to an analyst shortage, there are limited samples that the lab is testing in-house (AA section—for this month some analyses were run in-house). The remainder of cyanide, metals, mercury, and hydrocarbon oil/grease samples are being picked up by courier to Eurofins/Test America in University Park.

IV. Administrative Services – Administrative Specialist

- A. Covid 19 Precautions
 - Daily cleaning and disinfecting of office equipment, office area, and lab area
 - Per KRMA guidelines, no visitors are allowed in the building
- B. Continued to archive 2020 2021 industrial files updated files for new fiscal year
- C. Prepared monthly report for Utility packet
- D. Met with Industrial Services Coordinator to go over daily agenda
- E. Weekly scanning and entering Laboratory Accounts Payables and forwarded to Comptroller's Office
- F. Liaison between Industrial Services Coordinator, industries, and KRMA Assistant Superintendent
- G. Continuation of updating the Industrial Compliance Letters with edits regarding personnel and address change
- H. Provide customer service to phone customers no walk-ins allowed at this time
- I. Records daily and tallies monthly laboratory user charge data for each industrial user
- J. Administers the UPS shipping process; labeling, documentation for the KESU Lab Department and Technical Services Department.
- K. Prepares the monthly UPS bill for submittal to Industrial Services Coordinator and Comptroller's Office
- L. Entered monthly analytical metal results for hauled-in and industries into HACH program
- M. With assistance of Industrial Coordinator, continuation of archiving, organizing, and maintaining industrial pretreatment files

Submitted by:

Ryan P. McGinnis, Lab Operations Manager, Kankakee Environmental Services

KANKAKEE ENVIRONMENTAL SERVICES UTILITY EXPENDITURE AND REVENUE REPORT January 31, 2022

At 9 months 75% EXPENDITURE REPORT

	- ENDITORIE RELIGION				
		BUDGET	EXPENSES!	YEAR-TO-	YEAR-TO-
51	VESTI OFNIER FINIT	21/22	REVENUES	DATE	DATE %
10	KESU - SEWER FUND EXPENDITURES				
401	SEWER FD - ADMINISTRATION				
405	SUPERVISORY SALARIES UTILITY BOARD	332,356	10,429	191,745	57.7%
451	FICA/MEDICARE	5,600	400	3,600	64,3%
452		297,416	23,349	200,975	67.6%
453	······································	437,279	26,903	269,476	61.6%
454	- · · · · · · · · · · · · · · · · · · ·	18,000	5,018	6,922	38.5%
456	MILLIO COMMITTED CONTACT	325,000	23,500	211,500	65.1%
502		941,270	58,940	521,580	55.4%
521	AUDIT SERVICES	2,000	0	50	2.5%
522	CONTRACTUAL SERVICES	40,000		10,000	25.0%
524	COLLECTION EXPENSE	400,000	19,638	128,639	32.2%
536	LIABILITY INSURANCE	615,000	63,695	582,859	94.8%
546	PUBLICATIONS/MATERIALS	100,000	7,141	51,108	51.1%
547	DUES/MEMBERSHIPS	6,000		5,769	96.2%
548	CONFERENCES/SEMINARS	2,000	0	0	0.0%
549	TRAVEL EXPENSES	4,500	0	0	0.0%
556	POSTAGE	1,000	0	40	4.0%
561	SPACE CENTER LEASE	250	0	0	0.0%
566	SAFETY PROGRAM	120,000	5,431	55,708	46.4%
	LEGAL EXPENSE	10,000	_	2,329	23.3%
601	CAPITAL REPAIR/REPLACEMENT	0	0	0	0.0%
TO	TAL SEWER FD - ADMINISTRATION	850,000	0	0	0.0%
		4,507,671	244,444	2,242,299	49.7%
20	SEWER SERVICES GROUP				
401	SUPERVISORY SALARIES	82,988	6.204	55 404	
402	CLERICAL SALARIES	02,900	6,384	57,424	69.2%
404	LABOR	545,240	42.025	0	0.0%
410	OVERTIME	20,910	42,025 2,129	383,138	70.3%
415	ON-CALL PAY	20,000	2,125	12,110	57.9%
420	CERTIFICATION/LONGEVITY	15,300	0	0	0.0%
501	OFFICE SUPPLIES	1,000	0	568	0.0%
502	MATERIALS & SUPPLIES	50,000	320		56.8%
503	REPLACEMENT PARTS	5,000	141	27,287 3,158	54.6%
504	CHEMICALS	15,000	0	3,136 0	40.5%
512	FUEL	25,000	1,399	17,637	0.0% 70.5%
514	LUBRICANTS	12,000	0	3,450	70.5% 28.8%
518	UNIFORM\RUG SERVICE	6,000	598	3,430	65,2%
522	CONTRACTUAL INSPECTION	10,000	000	9,901	99.0%
527	CUSTODIAL SERVICES	100,000	18,500	74,968	
551	ELECTRICITY	85,000	4,593	51,602	75.0%
552	NATURAL GAS	24,000	9,336	25,905	60.7%
554	TELEPHONE	16,000	478	13,198	107.9% 82.5%
555	WATER	30,000	0	12,955	43.2%
572	VEHICLE MAINTENANCE & REPAIR	45,000	908	30,739	68.3%
577	BUILDINGS & GROUNDS MAINT & REP	200,000	11,819	159,721	79.9%
TOT	AL SEWER SERVICES GROUP	1,308,438	98,629	887,672	
•		.,500,100	30,023	001,012	67.8%
30	WASTEWATER TREATMENT				
553	WASTEWATER TREATMENT	5,913,765	499,908	4,499,172	76.1%
		-,,.	+50,000	7,700,112	10.1%

KANKAKEE ENVIRONMENTAL SERVICES UTILITY EXPENDITURE AND REVENUE REPORT January 31, 2022

At 9 months 75% EXPENDITURE REPORT

		BUDGET	EXPENSES!	YEAR-TO-	YEAR-TO-
33	TECHNICAL SERVICES OF SUF	21/22	REVENUES	DATE	DATE %
401	TECHNICAL SERVICES GROUP SUPERVISORY SALARIES		-		DATE 78
402	TOOM OALANIES	73,000	5,345	49,077	67.2%
403	TECHNICAL SALARIES	0	0	40,017	0.0%
404	LABOR	215,926	44,194	161,901	75.0%
410		156,754	12,942	116,581	74.4%
415		4,000	233	3,329	83.2%
420	on orthograph	10,200	0	0,020	0.0%
502	- THE STATE OF THE	2,000	Ō	0.00	0.0%
503		90,250	116	36,791	40,8%
	FUEL FUEL	36,400	0	21,057	57.8%
526		2,000	112	1,412	70.6%
554	TECHNICAL SUPPORT	40,000	0	37,131	
571	TELEPHONE	2,000	Õ	0,,131	92.8% 0.0%
	TECHNICAL MAINTENANCE	4,000	4,176	4,176	
572	VEHICLE MAINTENANCE & REPAIR	4,000	0	1,910	104.4%
581	TECHNICAL REPAIR	25,000	0	1,854	47.8%
TO	TAL TECHNICAL SERVICES GROUP	665,530	67,118	435,219	7.4%
40	1.1000.00		07,110	435,219	65.4%
40	LABORATORY SERVICES GROUP				
401	SUPERVISORY SALARIES	94,172	6,223	68,466	70.70/
402	CLERICAL SALARIES	59,909	4,608	44,610	72.7%
403	TECHNICAL SALARIES	269,980	20,207	182,810	74.5%
410	OVERTIME	200	20,207	102,610	67.7%
420	CERTIFICATION/LONGEVITY	4,100	0	933	0.0%
502	LAB SUPPLY	72,000	6,931		22.8%
503	AA SUPPLY	25,000	696	31,234	43.4%
506	CLEANING/COMMODITIES	800	030	4,803	19.2%
512	FUEL	3,000	160	231	28,9%
517	SAFETY SUPPLY	800	0	2,023	67.4%
522	LABORATORY/CONTRACTUAL SVCS	160,000	16,554	618	77.3%
526	COMPUTER SUPPORT	1,800	10,004	78,341	49.0%
529	QC/QA STANDARDS	10,000	0	96	5.3%
530	CHEMICAL WASTE DISPOSAL	2,000	0	3,809	38.1%
546	REFERENCE MATL/HANDBOOKS	800	0	933	46.7%
548	CONFERENCE/SEMINARS	3,000	0	0	0.0%
553	WATER	0,000	0	0	0.0%
554	TELEPHONE	0	524	2,303	#DIV/01
556	POSTAGE	1,800	0	0	0.0%
558	COPYING/PRINTING	1,000	237	2,222	123.4%
571	EQUIPMENT SERVICE		0	43	4.3%
572	VEHICLE MAINTENANCE & REPAIR	36,000	0	27,323	75.9%
581	EQUIPMENT REPAIR	1,600	0	1,081	67.5%
TOT	AL LABORATORY SERVICES GROUP	3,400	0	0	0.0%
		751,361	56,139	451,879	60.1%
44	SEWER FD - DEBT SERVICE		•		
691	BOND ISSUE COSTS				
691	BOND PRIN/INTR/FEES	2 250 200	500	500	0.0%
TOT	AL SEWER FD - DEBT SERVICE	2,250,000	187,500	1,687,500	75.0%
		2,250,000	188,000	1,688,000	75.0%

KANKAKEE ENVIRONMENTAL SERVICES UTILITY EXPENDITURE AND REVENUE REPORT January 31, 2022

At 9 months 75% EXPENDITURE REPORT

		BUDGET	EXPENSES!	YEAR-TO-	YEAR-TO-
		21/22	REVENUES	DATE	DATE %
50	PUBLIC WORKS GROUP				DAIL /6
401	SUPERVISORY SALARIES				
402	CLERICAL SALARIES	203,669	15,321	105,083	51.6%
404	LABOR	42,175	3,244	30,779	73.0%
410		2,205,741	129,646	1,319,328	59.8%
420	LONGEVITY	90,000	17,344	40,848	45.4%
502	MATERIALS & SUPPLIES	37,378	0	0	0.0%
512	FUEL	295,000	2,974	50,749	
522	COMTRACTUAL SERVICES	145,000	11,749	90,401	17.2%
530	WASTE HAULER	95,000	3,827	29,035	62.3%
531	ESU COLLECTION & DISPOSAL	1,824,723	150,065	1,356,571	30.6%
548	CONFERENCES/SEMINARS	100,000	2,850	67,977	74.3%
572	VEHICLE MAINTENANCE &	5,000	0	825	68.0%
588	VEHICLE MAINTENANCE & REPAIR	262,500	22,445	188,893	16.5%
	STREET & ALLEY REPAIR	75,000	0	•	72.0%
.01	AL PUBLIC WORKS GROUP	5,381,186	359,465	36,865 3,317,355	49.2%
			003,403	3,317,355	61.6%
TO	TAL UTU ITV EVENE				
10	TAL UTILITY EXPENSE	20,777,951	1,513,202.54	42 504 007	
			13010,202.04	13,521,097	<u>65.1%</u>
REV	ENUE REPORT				
			•		
361	RESIDENTIAL/COMMERCIAL SEWER				
363	INDUSTRIAL SEWER	6,130,385	529,632	4,792,031	78.2%
364	SOLID WASTE FEES	9,900,000	748,979	6,483,585	65.5%
366	MANTENO CONTRACT REC'D FEB 25,2021	3,160,407	2,380,914	2,402,403	76.0%
367	CHEBANSE CONTRACT	150,000	0	150,000	100.0%
369	KRMA CONTRACT	170,000	16,799	134,475	
373	HYDRO	400,000	28,022	314,829	79.1%
375	IDOT	55,000	,	63,552	78.7%
397	FEDERAL BOND INT	70,000	23,346	38,467	115.5%
398	ADEA DEVENIUS LITE ISTA	72,688	,-,0	0	55.0%
	APEA REVENUE UTILITY SEWER MISC REVENUE	650,000	ŭ	U	0.0%
000	MISC REVENUE	40,000	1,470	60,491	0.0%
			13770	00,491	151.2%
TOT	Al Drugger				
1017	AL REVENUE	20,798,480	3,729,162	44 400 000	
as o	f 1/31/2022		5,125,162	14,439,832	<u>69.4%</u>
		DOND & INTERPRE			
	CAPITAL ACCOUNT \$ N/A	BOND & INTEREST			\$1,133,029
	GENERAL ACCOUNT \$ 1,367,021	RESERVE & REPLACEMENT	•		\$554,460
	··· ψ 1,501,021	SURPLUS			\$50,000
		BOND RESERVE			\$1,900,000
					+ 1,000,000



Joseph M. Sullivan Direct Line: (815) 412-2025 Email: joe.sullivan@reltd.com

January 18, 2022

City of Kankakee 304 S. Indiana Avenue Kankakee, IL 60901

Attn:

Mayor Chris Curtis

RE:

Proposal for Professional Engineering Services

Lower Riverview Sanitary Sewer Basin

Sanitary Sewer Investigation and Rehabilitation

Dear Mayor Curtis:

Robinson Engineering, Ltd. (REL) is pleased to present a proposal for the above referenced project to investigate and recommend improvements to the City of Kankakee's sanitary sewer collection system. We take great pride in partnering with our clients to achieve their goals, and sincerely appreciate the opportunity to offer our expertise and dedication on this project.

Included in this proposal are the following: 1. Project Overview, 2. Scope of Services, 3. Proposed Project Schedule, 4. Payment Terms, 5. Standard Terms and Conditions and 6. Basin Exhibit.

1. PROJECT OVERVIEW

Kankakee is interested in reducing the Inflow and Infiltration (I/I) of storm water into their sanitary sewer system. The City recognizes the potential savings associated with reduced I/I and is in the process of addressing the defects associated with the I/I problem. Currently Kankakee is proposing to go forward with manhole inspections, cleaning & televising, and rehabilitation programs for both sanitary sewers and sanitary manholes in the Lower Riverview basin.

The overall goal of the project is to identify the defects, prepare cost estimates for the repairs, determine the most cost-effective repairs, and then prepare the bidding documents and oversee the work on the various construction projects.



2. SCOPE OF SERVICES

Our proposed detailed scope of services is as follows:

- A. Project Plan: REL will schedule a kick-off meeting with the City to review available sewer system data and discuss milestone dates, project schedule and overall project goals. The technical analysis of the collected data will be completed in conjunction with prior investigation data provided by Kankakee. During each interaction with the staff, we will continuously review specific incidents, historic norms, chronic problem areas, prior rehabilitation efforts, financial constraints, and planned objectives to present the highest quality project plan.
- **B.** Manhole Inspections: Experienced in-house crews from REL will perform sanitary manhole inspections in the Lower Riverview Sanitary Sewer Basin. Manhole inspection data including inspection date, GPS location, street address, ground surface conditions, manhole depth, incoming and outgoing pipe locations/diameters, construction type, frame/lid type, and manhole conditions will be recorded for each structure inspected. All recommended manhole repairs will be given cost estimates and provided to the City in a summary memo.
- **C.** Manhole Rehabilitation Bid Document Preparation and Construction Observation: Based on manhole inspection results and input from the City, REL will prepare bid documents and solicit bids for comprehensive manhole rehabilitation in the Lower Riverview sanitary sewer basin. REL will respond to contractor's questions during the bidding phase, and issue addenda to the bid documents if required. REL will attend the bid opening, prepare the bid tabulation, assist the City with evaluating the bids, and prepare a letter of recommendation for award of the contract.

During the construction phase, REL will provide manhole rehabilitation contract management and construction observation as follows:

- Part-time construction observation
- Responses to contractor inquiries
- Progress updates to the City
- Preparation of any change orders as necessary
- Review of submittals
- Review of contractor payment applications and recommendations for payment
- Punch list preparation and project close out



D. CCTV Bid Document Preparation and Onsite Observation: REL will prepare bid documents and solicit bids for cleaning and televising in the Lower Riverview sanitary sewer basin. The exhibits and specifications will be in accordance with industry standards for sewer cleaning and televising, including requirements for using the National Association of Sewer Service Companies (NASSCO) Pipe Assessment Certification Program (PACP) coding and grading system for all collected data. REL will respond to contractor's questions during the bidding phases, and issue addenda to the bid documents if required. REL will attend the bid opening, prepare the bid tabulation, assist the City with evaluating the bids, and prepare a letter of recommendation for award of the contract.

During the cleaning and televising, REL will provide sewer televising contract management and onsite observation as follows:

- Part-time observation
- Responses to contractor inquiries
- Progress updates to the City
- Preparation of any change orders as necessary
- Review of submittals
- · Review of contractor payment applications and recommendations for payment
- Punch list preparation and project close out
- E. CCTV Review: REL will provide sewer televising review by a NASSCO PACP certified reviewer. CCTV data review will identify deficiencies and provide overall rehabilitation recommendations and cost estimates for repairs. These will be incorporated into GIS and provided on recommended work plan maps for CIPP lining, grouting and point repairs to show the scope of work required. All recommended sewer repairs will be provided to the City in a summary memo.
- F. CIPP Bid Document Preparation and Construction Observation: Based on CCTV review analysis and input from the City, REL will prepare bid documents and solicit bids for cured-in-place pipelining, grouting and point repairs in the Lower Riverview sanitary sewer system. The bid documents will specify trenchless methods wherever possible to minimize any disruption to the City and its citizens. REL will respond to contractor's questions during the bidding phase, and issue addenda to the bid documents if required. REL will attend the bid opening, prepare the bid tabulation, assist the City in evaluating the bids, and prepare a letter of recommendation for award of the contract.

During construction, REL will provide contract management and construction observation as follows:

- Part-time construction observation
- Responses to contractor inquiries



- Progress updates to the City
- Preparation of any change orders as necessary
- Review of submittals
- Review of contractor payment applications and recommendations for payment
- Punch list preparation and project close out
- **G. Project Management and Meetings:** In addition to the project planning kick-off meeting, REL will provide project management for the duration of the project and attend any additional meetings with the City as necessary to ensure the success of the project and that the City's needs are being met.

3. PROPOSED PROJECT SCHEDULE

<u>Sequence</u>	<u>Task</u>	Start Date	Completion Date
Α.	Project Plan	February 21, 2022	February 28, 2022
В.	Manhole Inspections	March 1, 2022	April 30, 2022
C.	Manhole Rehab Bid Document Prep. and Const. Observation	May 1, 2022	October 31, 2022
D.	CCTV Bid Document Prep. and Onsite Observation	March 1, 2022	May 31, 2022
E.	CCTV Review	June 1, 2022	June 15, 2022
F.	CIPP Bid Document Prep. and Const. Observation	June 15, 2022	November 30, 2022
G.	Project Management & Meetings	February 21, 2022	November 30, 2022

All dates are assuming the Authorization to Proceed will occur on February 7, 2022



4. PAYMENT TERMS

Task	Description	Cost
A.	Project Plan	\$1,370
В.	Manhole Inspections	\$34,970
C.	Manhole Rehabilitation Bid Document Preparation and Construction Observation	\$19,580
D.	CCTV Bid Document Preparation and Onsite Observation	\$19,580
E.	CCTV Review	\$24,720
F.	CIPP Bid Document Preparation and Construction Observation	\$19,580
G.	Project Management & Meetings	\$3,700
	Totals	\$123,500

5. STANDARD TERMS AND CONDITIONS

The Standard Terms and Conditions for this proposal are attached hereto and incorporated herein.

6. BASIN EXHIBIT

The Basin Exhibit for this proposal is attached hereto and incorporated herein.



Again, we thank you for the opportunity to submit this proposal for your consideration. Please feel free to call me at 815-412-2025 or email at joe.sullivan@reltd.com if you have any questions regarding this proposal, or if any additional information is needed.

Very Truly Yours,

Robinson Engineering, Ltd.

Joseph M. Sullivan I&I Manager

U:\Sullivan__PROPOSALS\Kankakee\Kankakee II Proposal - MH Insp Clean TV - Final.docx

xc: David A. Tyson, PE, IPLS, ESU Superintendent, City of Kankakee
Zach Newton, Operations Manager, City of Kankakee
Keith Mulholland, PE, Office Manager, Robinson Engineering, Ltd.
Jennifer S. Prinz, PE, CFM, Director of Engineering, Robinson Engineering, Ltd.

Accepted this ______ day of ______, 2022.

By:
Signature
Printed Name, Title

ROBINSON ENGINEERING, LTD ("REL") STANDARD TERMS AND CONDITIONS

CONTRACT – These Standard Terms and Conditions may be amended, added to, superseded, or waived only if both REL and Client specifically agree in writing to any amendment of these Terms and Conditions ("Agreement").

STANDARD OF CARE - The standard of care for all professional engineering, survey or related professional services performed or furnished by REL under this Agreement will be the care and skill ordinarily used by members of the same profession practicing under similar circumstances at the same time and in the same locality. REL makes no warranties, express or implied, under this Agreement or otherwise, in connection with REL's services on this Project.

RELIANCE – REL may, without liability, rely on the accuracy and completeness of information provided by Client, Client's consultants and any contractors, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards without the need for verification.

CHANGES IN SCOPE –The proposed fees constitute REL's estimate to perform the services required to complete the Project. However, all required services are not always definable in the initial planning. Accordingly, circumstances may dictate a change in the scope of services to be performed. Where this occurs, changes in the Agreement shall be negotiated, an equitable adjustment shall be made to REL's compensation and agreed to in writing by REL and Client.

DELAYS – REL shall complete its obligations within a reasonable time. If, through no fault of REL, such periods of time or dates are changed, or the orderly and continuous progress of REL's services is impaired, or REL's services are delayed or suspended, then the time for completion of REL's services, and the rates and amounts of REL's compensation, shall be adjusted equitably.

SUSPENSION & TERMINATION – Client may suspend the Project upon seven (7) days written notice to REL. If REL's services are substantially delayed through no fault of REL, REL may suspend services after giving seven (7) days written notice to Client. Either party may terminate this agreement upon thirty (30) days written notice to the other party in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

Client shall remain liable for, and shall promptly pay REL for all services rendered to the date of such suspension/termination of services plus suspension/termination charges incurred by REL. Suspension/termination charges include the cost of assembling documents, personnel and equipment rescheduling or reassignment, and commitments made to others on Client's behalf.

OPINION OF PROBABLE COSTS - REL's opinions of probable Construction Cost are to be made on the basis of REL's experience and qualifications and represent REL's best judgment as an experienced and qualified professional generally familiar with the construction industry. However, since REL has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, REL cannot and does not guarantee that proposals, bids, or actual Construction Cost shall not vary from opinions of probable Construction Cost prepared by REL.

REUSE OF PROJECT DELIVERABLES - All design documents prepared or furnished by REL are instruments of service, and REL retains all ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed. Client shall not rely in any way on any Document unless it is in printed form, signed and sealed by REL or one of its Consultants.

RIGHT OF ENTRY – Client agrees to obtain legal right-of-entry on the property when entry to property is required by the work of this Agreement.

ENVIROMENTAL CONDITIONS OF SITE - REL's scope of services does not include any services related to any environmental issues related to the site including petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, or regulated by any Federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning any hazardous, toxic, or dangerous waste, substance, or material.

Client's Initial: _____ Date: ____

RELATIONSHIP WITH CONTRACTORS – REL shall not at any time supervise, direct, or have control over any contractor's work, nor shall REL have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, nor for safety precautions and programs in connection with the contractors' work, nor for any failure of any contractor to comply with laws and regulations applicable to contractor's work. REL neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work. REL shall have no authority to stop the work of any contractor on the Project.

LIMITATION OF LIABILITY – REL's total liability to Client for any and all claims for damages whatsoever, arising out of or in any way related to the Project or this Agreement, from any cause or causes, including but not limited to REL's negligence, errors, omissions, strict liability, or breach of contract, shall be limited as follows: REL's total liability shall not exceed the lesser of (1) \$1,000,000 (one million dollars) or (2) the remaining limits of any policy of insurance which provides coverage for the Client's cause or causes of action, such remaining limits to be measured as of the date judgment is entered against REL or the date when Client and REL otherwise settle/resolve the cause or causes of action.

INSURANCE - REL shall maintain insurance coverage for Professional, Commercial General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with any legal requirements and REL's business requirements. Certificates of Insurance shall be provided by REL upon written request.

MUTUAL WAIVER — To the fullest extent permitted by law, Client and REL waive against each other, and the other's employees, officers, directors, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project.

GOVERNING LAW, JURISDICTION & VENUE — This Agreement shall be governed by, and construed in accordance with, the laws of the State of Illinois. Further, the parties agree and consent to the exclusive jurisdiction of the courts of the State of Illinois for all purposes regarding this Agreement and that venue of any action brought hereunder shall be exclusively in Cook County, IL.

NON-ENFORCEMENT — A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

ASSIGNMENT – A party shall not assign its rights or obligations pursuant to this Agreement without the express written permission and consent of the other party. This Agreement shall be binding upon and inure to the benefit of any permitted assigns.

SURVIVAL – All express representations, waivers, indemnifications, and limitations of liability included in this Agreement shall survive its completion or termination for any reason.

THIRD PARTIES - Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Client or REL to any Contractor, Contractor's subcontractor, supplier, other individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement shall be for the sole and exclusive benefit of Client and REL and not for the benefit of any other party.

SEVERABILITY - Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Client and REL, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that expresses the intention of the stricken provision.

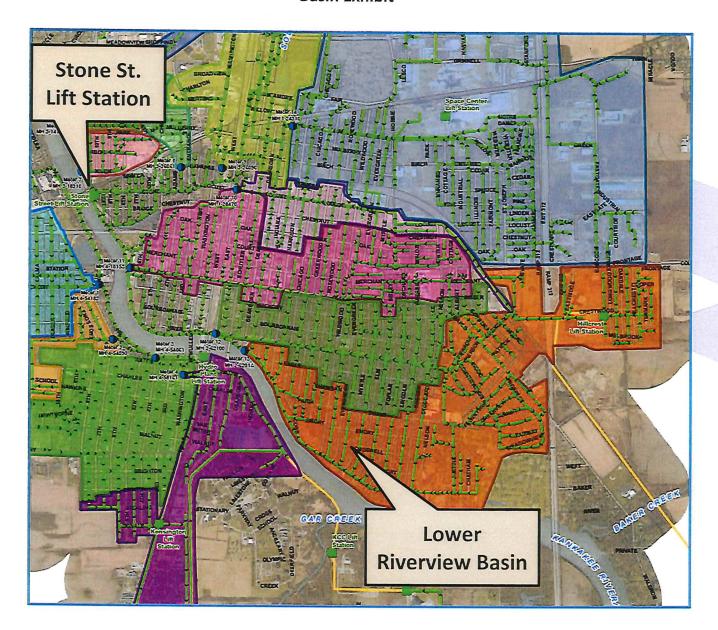
STATUTE OF LIMITATIONS – to the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence to run, no later than the date of Substantial Completion of this Agreement.

CONFLICTS - If a conflict exists between the Agreement provisions and these Standard Terms and Conditions then these Standard Terms and Conditions shall prevail and control.

Page 7 of 8 10/2014



Basin Exhibit





SECURITY SYSTEMS

LOCKSMITH SERVICE

LF. RAICHECO. INC.

L.F. RAICHE CO. INC.

"THE KEY SHOP IN THE KEY CITY SINCE 1934"
355 SOUTH EAST AVENUE - KANKAKEF, ILLINOIS 67501
(815) 933-4732

PROPOSAL

We hereby submit specifications and estimates for: 15 - 1455 5000 C. COO SECTIAL TOS TOWNER OF STATE MOUNT 3294.50 5- 1455 5000 C. COO SECTIAL TOS TOWNER OF STATE MOUNT 3294.50 ADITE INTRALATION OF STATES IN WEAL AND ALLIMANUM FRAMES 600.00 3- SCHARE MOTTES CASE DOLL TUNCTION GROWNERSOLD FRAME BADOLL 835.20 TO STOLEFOOM 835.170 WE Propose happily to furnish material and labor — complete in accordance with the photose specifications, for the sum of: 2441 THE LAND THEE HANDED SIXTY ON DELIARS AND MARTING IN BOALD TO Promittic be made as follows: ALLINEAR STATES AND THEE HANDED SIXTY ON DELIARS AND MARTING IN BOALD TO ALLINEAR STATES AND THEE HANDED SIXTY ON DELIARS AND MARTING IN BOALD TO ALLINEAR STATES AND THE STATES AND MARTING IN BOALD TO ALLINEAR STATES AND THE STATES AND MARTING IN BOALD TO ALLINEAR STATES AND THE STATES AND MARTING IN BOALD TO ALLINEAR STATES AND THE STATES AND MARTING IN BOALD TO ACCEPTANCE OF Proposal — The above prices, specifications and conditions are satisfactory and are hereby acceptant. You are enthorized and conditions are satisfactory and are hereby acceptant. You are enthorized and conditions are satisfactory and are hereby acceptant. You are enthorized and conditions are satisfactory and are hereby acceptant. You are enthorized and conditions are satisfactory and are hereby acceptant. You are enthorized Seguritative support of the Seguritation Seguritation.	TO CITY OF YANVALVEE	PHONE	DATE 12.15.21
We hereby submit specifications and estimates for 15 — HES 5000 C COD ETECTICE 3432 . 90 5 — HES 9400 SUFFACE MOUNT 32.94.50 ELECTIC STAKE ABOLITE INTRUSTION OF STAKES IN NEAL AND ALUMINUM FRANCE 3430 . 90 3 — SUHABE NOTTE CASE WILL FINATION CONNESSION FROM DEALOCK 835 . 21 TO STAKE FOOM 835 . 21 TO STAKE FOOM 835 . 170 ALUMINUM FRANCE AND TRICE HANDED SUTT OF DOLLARS AND MANIETTED SAID . 70 ALUMINUM SUPPLY OF DOLLARS AND MANIETON ALUMINUM FRANCE BALANCE TO DAY THEM WAS TO BE completed in a protestional state of the control of the control only upon winter order, and will become an easier along over and above the estimate. All separations of the control of the control only upon winter order, and will be come an easier along over and above the estimate. All separations are substantial of the control of the c		JOB NAME / LOCATION	emole in 6
STORE STAND CLOS ENERGY 3432.50 5 - HES 1400 SUFFACE MOUNT 3294.50 ELECTRIC STAKE OBJITE INSTALLATION OF STAKES IN MEAN AND ALLMINUM FRANCS 3- SURFACE MORTHS CASE LOWL FUNCTION CONVENTION FROM DEPLOYER 835.21 D STOKEFOOM WE PRODOSE hereby to furnish material and labor — complete in accordance with the above specifications, for the sum of: 8361.70 WE PRODOSE hereby to furnish material and labor — complete in accordance with the above specifications, for the sum of: 8361.70 WE PRODOSE hereby to furnish material and labor — complete in accordance with the above specifications. 8361.70 WE PRODOSE hereby to furnish material and labor — complete in accordance with the above specifications and conditions as specifications of the sum of: 8361.70 ALL THE AND THESE HADRED SUMMARTON ALL MATERIAL SUMMARTON ALL MATERIAL SUMMARTON ALL MATERIAL SUMMARTON ALL MATERIAL SUMMARTON ACCEPTANCE Of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified, Payment will be made as outlined above. Signature		JOB NUMBER	JOB PHONE
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The Propose hereby to furnish material and labor — complete in accordance with the above specifications, for the sum of: ALL THANAND TRICE HANDED SUTT OF DOLLARS AND JUDITIES IS 8361.70 All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or derivation from above specifications revoking octars costs will be executed only upon written orders, and will become an extre charge over and above the estimate. All systematics and conditions are statisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. Signature Signature Signature Signature Signature Signature Signature Signature	IN WELL SON TRANSPORT OF	SPELLES I PRAVIES	310.00
All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra cotarge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tomado and other necessary insurance. Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. Signature	todation conflation	From Deadlock	_
All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra cotarge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tomado and other necessary insurance. Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. Signature	We Pronose hereby to furnish material and lab	or — complete in accordance with the	e,ebove specifications, for the sum of:
All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra cotarge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tomado and other necessary insurance. Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. Signature	HENT THOUSAND THISE HUNDED SIXTY OF	E DOLLARS AND L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. Signature	memer according to standard practices. Any alteration or deviation from above specifica- tions involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tomado and other necessary insurance. Our workers are fully covered by Worker's Compensation insurance.	Note: This proposal may be withdrawn by us if not accepted within	days.
) Dest of Acceptance.	Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.	Signature	
1) become continued to the continued to t		

PROPOSAL

DATE 02/15/2022 ESTIMATE # 22-02-020S



1075 Lesco Road Kankakee, IL 60901 (815) 933-9300 Fax (815) 939-1189

Proposal Sul	omitted	To:
--------------	---------	-----

City of Kankakee 304 S. Indiana Ave Kankakee, IL 60901

Attn: Clara Hall

PH# (815) 928-7350 FAX# (815) 933-0508

WOLK to be belief inch at	Work t	to be	performed	at:
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CODE - 295 N. Harrison Ave

KESU - 270 N. Indiana Ave.

ADMIN - 304 S. Indiana Ave.

Public Safety - 385 E. Oak St.

We hereby submit specifications and estimates for: Access Control System Installation & Upgrades

TOTAL PROPOSAL AMOUNT....\$ 135,215.00

Note(s):

- [1] Work to be performed during normal work hours (M-F, 7:00am 3:30pm)
- [2] Installation will require (2) total network connections.
- [3] Owner to provide new virtual server for the PremiSys software to be installed on.
- [4] Owner responsible for the installation of electric locks (from A-1 Locksmith).
- [5] Owner responsible for entering user data in the new database.
- [6] Database conversion available to owner at no additional charge.
- [7] Identicard Professional Services available for 90 days at no additional charge.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or division from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Note: This proposal may be withdrawn by us, if not accepted within <u>60</u> days of proposal date listed above.

Authorized Signature

Jeff Memenga

Jeff Memenga Sales & Design Specialist

Acceptance of Proposal – The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do work as specified. Total amount is due upon receipt of invoice.

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Authorized Signature	
Titla	

PROTECTION ASSOCIATES 372 S EAST AVE KANKAKEE, IL 60901-3819

Estimate

NAME / ADDRESS

KANKAKEE ENVIRONMENTAL SERVICES
UTILITY
295 NORTH HARRISON AVE.
KANKAKEE, IL 60901

DATE	ESTIMATE NO.
2/14/2022	2022.013

						ΓERMS
QTY			DESCRIF	PTION		
	ESTIMA KANKA	ESTIMATE FOR ACCESS CONTROL SYSTEM INSTALLATION AND UPGRADES FOR CITY IF KANKAKEE KESU - 295 N. HARRISON AVE. AND 270 N. INDIANS AVE.				
2	Intelliger	Intelligent Single Portal Two Reader PoE Controller*				
9	Two por	tal four reader SIO	with reader interface canable	of Wiegand, clock ar	nd data, OSDP,	
	OSDP re	e,keypad, LCD, and aders to be wired to	l biometric technologies.Suppos a single reader port forpaire	orts Multi-Drop mod	le via OSDP allo	owing for two
20	ETHOS	SINGLE-GANG RI	EADER - SUPPORTS 125kM	I mout configuration	1	
1	8DR SIN	GLE VOLTAGE II	NTEGRATED POWER SYS	TEM - Larger Enclos	sure - 150W pov	ver supply
1	IZAVIZV	or 6A/24V, 8 aux.	outputs class 2 power limited	at 2.5A per output		
1	12A/12V	or 6A/24V, 16 aux	INTEGRATED POWER SY: outputs class 2 power limite	STEM - Larger Enclo	osure - 150W po	wer supply
2	AL600U.	LX series power su	pply/chargers convert a 115V	AC, 60Hz input into	a single fused, 1	protected
2	outputs.	AL600ULX series power supply/chargers convert a 115VAC, 60Hz input into a single fused, protected outputs. Outputs are selectable for 12VDC or 24VDC with a total of 6A max. ONE CH RECEIVER 5 PROG OUTPUTS*				
3		ON, HAND HLD R				
1		neous Cable, Parts,				
1		on / Service Call(s)				
	Sales Tax	C				
·						
THIS E	ESTIMAT	E IS VALID FOR	15 DAYS		TOTAL	0000455
					TOTAL	\$39,345.34
Pho	one#	Fax#	E-mail	SIGNATURE		
815-9	33-4814	815-933-3099	tom@protection-associates.com			

This is a preliminary estimate. Additional changes to this estimate may be required for the work to be completed.

PROTECTION ASSOCIATES 372 S EAST AVE KANKAKEE, IL 60901-3819

Estimate

NAME / ADDRESS

KANKAKEE ENVIRONMENTAL SERVICES
UTILITY
295 NORTH HARRISON AVE.
KANKAKEE, IL 60901

DATE	ESTIMATE NO.
2/14/2022	2022.014

						TERMS
	1					
QTY			DESCRI			
	ESTIMA KANKA	TE FOR ACCESS KEE ADMINISTR	CONTROL SYSTEM INST. ATION BLDG 304 S. IND	ALLATION AND U	JPGRADES FOR	THE CITY OF
1 23 3 2 2 5 1 1	Two port magstripe OSDP re: 16DR SII 12A/12V AL600UI outputs. (ONE CH 1 BUTTO Miscellar	al four reader SIO e, keypad, LCD, and aders to be wired to NGLE VOLTAGE or 6A/24V, 16 aux LX series power sur Dutputs are selectal RECEIVER 5 PRODN, HAND HLD Reous Cable, Parts, on / Service Call(s)	F TRANS* Etc.	oorts Multi-Drop mod d in/out configuration STEM - Larger Enc ed at 2.5A per output VAC, 60Hz input into	ode via OSDP allo on losure - 150W po nt.	wer supply
THIS E	ESTIMAT	E IS VALID FOR	15 DAYS		TOTAL	\$30,454.09
Pho	one#	Fax#	E-mail	SIGNATURE		
815-9	33-4814	815-933-3099	tom@protection-associates.com			

This is a preliminary estimate. Additional changes to this estimate may be required for the work to be completed.

PROTECTION ASSOCIATES 372 S EAST AVE KANKAKEE, IL 60901-3819

Estimate

NAME / ADDRESS

KANKAKEE ENVIRONMENTAL SERVICES UTILITY 295 NORTH HARRISON AVE. KANKAKEE, IL 60901

DATE	ESTIMATE NO.
2/14/2022	2022.015

TERMS

QTY DESCRIPTION ESTIMATE FOR ACCESS CONTROL SYSTEM INSTALLATION AND UPGRADES FOR THE CITY OF KANKAKEE PUBLIC SAFETY BLDG. - 385 E. OAK ST. ACCESS IT - UNIVERSAAL STANDARD* 1 2 Access It!® Universal Standard Client License - Single Pack Identicard System Conversion 65 - 128 Readers Conversion of Identicard systems from sixty-five to one 1 hundred twenty-eight readers. Intelligent Single Portal Two Reader PoE Controller* 3 Two portal four reader SIO with reader interface capable of Wiegand, clock and data, OSDP, 48 magstripe, keypad, LCD, and biometric technologies. Supports Multi-Drop mode via OSDP allowing for two OSDP readers to be wired to a single reader port forpaired in/out configuration 16DR SINGLE VOLTAGE INTEGRATED POWER SYSTEM - Larger Enclosure - 150W power supply 7 12A/12V or 6A/24V, 16 aux. outputs class 2 power limited at 2.5A per output. 2 ONE CH RECEIVER 5 PROG OUTPUTS* 2 1 BUTTON, HAND HLD RF TRANS* 1 Miscellaneous Cable, Parts, Etc. 80 Installation / Service Call(s) / Labor Sales Tax THIS ESTIMATE IS VALID FOR 15 DAYS TOTAL \$66,249.47 Phone # Fax# E-mail SIGNATURE 815-933-4814 815-933-3099 tom@protection-associates.com

This is a preliminary estimate. Additional changes to this estimate may be required for the work to be completed.

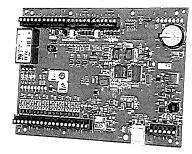


Mercury Series 3 Hardware

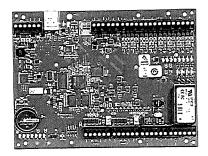


LP Series Controllers and Subpanels

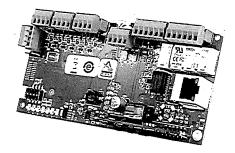
The Series 3 line of hardware from Mercury Security represents a leap forward in access control hardware. The Series 3 line of hardware features the LP Series Controller Panels. The new LP series SCPS are built on the Linux embedded platform. Linux has long been considered one of the most secure platforms, but it also brings a new level of versatility to the platform. Using built-in tools, the LP series has greatly enhanced security and communication capabilities. The Linux platform has also opened the door for a more diverse set of instruction sets to be executed on the panel. This has lead to new integrations with 3rd party hardware and software platforms using modern protocols. These devices have been designed to secure data at rest with onboard encryption as well as data in transit by securing the data using state-of-the-art encryption techniques to deliver a true end-to-end encryption solution. Full support for OSDP with Secure Channel has been added removing the possibility of a man-in-the-middle attack and maintaining data security throughout transit.



The LP-1502 SCP is a 2 door controller that is expandable up to 64 total doors. This device is popular due to its onboard door controls, expandability, and the flexibility provided by having (4) auxiliary inputs and (4) auxiliary outputs.



The LP-4502 SCP is the most powerful controller from Mercury. The LP-4502 supports up to 2,000,000 cards and is built to support a number of integrations. The device can control 2 doors onboard and is expandable to control up to 64 doors.



The MR-62e SIO is a new panel introduced in the series 3 hardware line and is a PoE+ enabled device that only supports OSDP readers. With PoE+ the board can deliver up to 1.5 A of power at the door for reader and lock power. The device can control 2 doors and up to 4 readers with OSDP.

Series 3 Features

Same form factor as Series 2 Devices
OSDP with Secure Channel
Enhanced Security
BACnet Building Automation
Destination Dispatch
Embedded pivCLASS Support

Powered by Linux
IEEE 802.1X Port-Based Network Access Control
Enhanced PoE+ Power Options
Increased Communication Capabilities
Expanded Memory and Processing Power
LifeSafety Power Integration



Access Control Solutions

LP-1502

LP-1502 System Control Processor

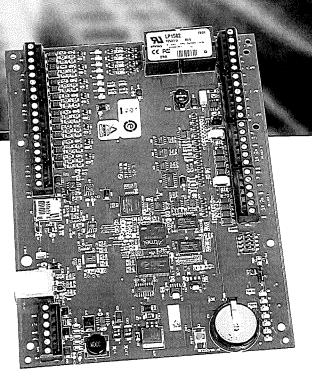
The LP-1502 is a powerful, IP-based System Control Processor (SCP) expandable to control up to 64 doors with a 240,000 card capacity. Built on the Linux Embedded operating system, the LP series of SCPs modernizes security delivering full end-to-end encryption to ensure data remains secure at all times. Designed to easily replace legacy series panels, the LP-1502 uses an identical footprint and interface as the EP-1502 panel simplifying the migration process. The auxiliary inputs and outputs provide expanded flexibility with simplified point control and monitoring. The LP-1502 supports up to 128 access levels per card and will support two doors, making it ideal for two-door systems.

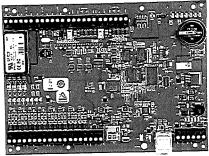
The LP-1502 contains an onboard SIO and is capable of controlling 2 doors with 4 readers when utilizing OSDP IN/OUT mode. The downstream RS-485 bus allows for an additional 31 SIO subpanels to be added for a maximum of 64 total doors. The versatility and value makes the LP-1502 one of the most popular controllers from the Mercury LP Series. The LP-1502 stores its own cardholder database as well as all schedule information, including unlock/relock times, access times, and holiday information locally. Once configured, the powerful on-board processor allows the LP-1502 to make access decisions locally allowing for operation autonomous from software and can store up to 50,000 events locally. The LP-1502 also supports precision card access, elevator access control, extended door unlock/allowed open timing (ADA required), and includes a full range of anti-passback capabilities.

The LP-1502 can support up to 8 card format/facility code combinations using a wide-range of reader technologies including OSDP with Secure Channel, keypads, biometric readers, Wiegand, clock and data, magnetic stripe, F/2F, and supervised F/2F. It is PIV-II, CAC, and TWIC card compatible. The LP-1502 features AES 256-bit NIST Certified Encryption, and is UL 294 recognized, CE (RoHS) compliant, and HSPD-12/FIPS 201 compliant.

The LP-1502 includes these features:

- Built on the Linux Embedded Planform providing embanced security, communication, and feature sets
- c Onbeard SIO comurals up 2 deers with all needed I/O
- c Card Capacity up to 240,000 cards
- Supports up to 32 reader/input/output \$10 suppanels and controls up to a maximum of 64 doors
- Communication over 10/100 Eithernet with support for IPV4 and IPV6
- Supports up to 31 reader/input/output SIQ subpanels and control up to a maximum of 64 doors
- Support for up to 8 unique card format/facility code combinations
- Port-based authentication based on the IEEE 802.1X standard for port-based Network Access Control
- Host communication secured using TLS 1.1/1.2 and AES-128/256
- Reader communication support for OSDP 2 with Secure Channel
- UL294 Recognized, CE Compliant, RoHS, NIST Certified Encryption





The LP-1502 is among the most flexible panels featuring an onboard SIO that can control two doors, has four auxiliary inputs and two auxiliary outputs, and can be expanded to control up to 64 doors.









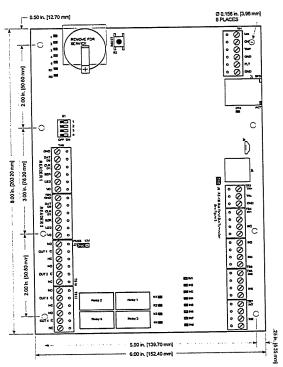


RS2 Technologies has constructed an integrated family of access management software and hardware that can be configured to provide a cost-effective solution for very small to very large systems. The LP series of hardware relies on open architecture to maximize freedom for users, control costs, and allow for interoperability via integration to provide the most complete solution from a platform trusted worldwide.

Access Control Solutions

LP-1502

	Technical Specifications								
	Access Configurations								
Access Control	240,000 Card Capacity 50,000 Transaction Buffer 8 Card Formats Up to 255 Access Levels Per Card PIV, CAC, TWIC Compatible If/Then Logic Task Automation Anti-passback support								
LP-1502 Configuration	Supports 2 Doors, 4 Readers 1 Downstream RS-485 Supports up to 31 Additional SIOs Counts against SCP Count Expandable up to 64 doors total								
	Power								
Primary Power	12 to 24 Vdc +/- 10% 500 mA maximum								
Reader Power	12 to 24 Vdc +/- 10%, regulated 300 mA maximum per reader								
	Communication								
Host Communication	10/100 Ethernet IP Server or IP Client Communication TLS 1.1/1.2 or AES-128/256 Encryption								
SIO Communication	100-BaseT/100Base-TX 1 RS-485 TLS 1.1/1.2 or AES-128/256 Encryption								
Readers	OSDP with Secure Channel, Wiegand, keypads, biometric readers, clock and data, magnetic stripe, and F/2F								



	Technical Specifications								
	Panel Specifications								
Inputs	2 Unsupervised/Supervised Door Contact 2 Unsupervised/Supervised Request to Exit 1 Unsupervised Cabinet Tamper 1 Unsupervised Power Monitor 4 Unsupervised/Supervised Auxiliary Programmable Supervised End-of-Line Resistance Values								
Outputs	2 Door Strike Form-C Contact NC 3 A @ 30 Vdc, resistive NO 5 A @ 30 Vdc, resistive 2 Auxiliary Form-C Contact NC 3 A @ 30 Vdc, resistive NO 5 A @ 30 Vdc, resistive								
Readers	2 Reader Ports 4 Readers Maximum using OSDP IN/OUT Mode OSDP with Secure Channel, Wiegand, Keypads, Biometric Readers, Clock and Data, Magnetic Stripe, F/2F								
Standards	UL 294, CE, RoHS								
	Cabling								
Power & Relays	1 Twisted Pair - 18 to 16 AWG								
Ethernet	CAT-5 Minimum								
F/2F	4-Conductor, 18 AWG, 500 Foot Maximum								
Magstripe and Wiegand(TTL)	6-Conductor, 18 AWG, 500 Foot Maximum								
OSDP RS-485	1 Twisted Pair, Shielded, 120 Ohm Impedance, 24 AWG, 2,000 Foot Maximum								
SIO RS-485	1 Twisted Pair with Drain Wire and Shield, 120 Ohm Impedance, 24 AWG, 4,000 Foot Maximum								
	Physical Specifications								
Dimensions	8 in. (203.2 mm) W x 6 in. (152.4 mm) L x 1 in. (25 mm)								
Humidity	5 to 85% RHNC								
Temperature	-55 to +85 °C Storage 0 to +49 °C Operating								
Weight	9 oz								



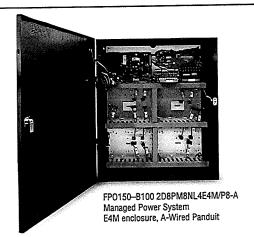


Overview

These ProWire Unified Power wall mount models are single and dual voltage access power systems, precision wired for MERCURY controllers. ProWire enables the specification and installation of standardized access power equipment across an enterprise for uniform operation, maintenance and servicing.

The C8 or M8 control modules each provide (8) eight access control inputs capable of voltage or dry contact activation, and (8) eight outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the power supply fire alarm interface. The D8 module provides (8) eight auxiliary outputs. In dual voltage systems, each output is configurable for 12 or 24VDC operation.

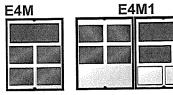
ProWire Unified Power enclosures are painted steel with removable backplate, lock, keys and and tamper switch and come 100% factory tested — ready for final panel installation and field wire termination.

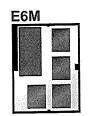


Product Features

- · Pre-installed wire harness for panel power, lock control, faults and tamper switch
- + Point to point wiring; labeled, color coded, twisted pair, shielded communication
- · Tie wrap or Panduit wire duct cable management options
- · Managed systems monitor power, batteries and (8) eight outputs
- UL294, ULC S319 joint LSP / Mercury integrated listing

Enclosure Styles

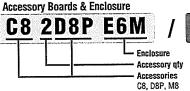


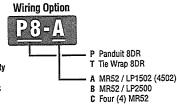


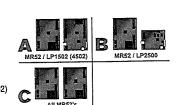
Model Nomenclature



Power rating
 FP0150 4A/24V 100W lock power
 B100 4A/12V 50W system power







		М	odel Wiri	ing Optio	ns		System Type	Distributed Outputs	Enclosure / Cable Mgmt
*Model Number	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	System Type	Auxiliary and Control	H x W x D (inches)
Qual Voltage - 40/12V and 40/24V							•		

FPO150-B100 C82D8PE4M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Standard	8 auxiliary, 8 lock control	E4M 24 x 20 x 6.5
FPO150-B100 2D8PM8NL4E4M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Networked	8 auxiliary, 8 managed	Tie Wrap
FP0150-B100 C82D8PE4M1/P8-A	T8-A	T8-B	T8-C				Standard	8 auxiliary, 8 lock control	E4M1 24 x 20 x 6.5
FPO150-B100 2D8PM8NL4E4M1/P8-A	T8-A	T8-B	T8-C				Networked	8 auxiliary, 8 managed	24 X 20 X 6.5 Tie Wrap
FPO150-B100 C82D8PE6M/P8-A	T8-A	Т8-В	T8-C	P8-A	P8-B	P8-C	Standard	8 auxiliary, 8 lock control	E6M 30 x 23 x 6.5
FPQ150-B100 2D8PM8NL4E6M/P8-A	T8-A	Т8-В	T8-C	P8-A	P8-B	P8-C	Networked	8 auxiliary, 8 managed	Tie Wrap / Panduit

Single Voltage - 12A/12V (6A/24V)

FP0150-C82D8PE4M/P8-A	T8-A	Т8-В	T8-C	P8-A	P8-B	P8-C	Standard	8 auxiliary, 8 lock control	E4M 24 x 20 x 6.5
FPO150-2D8PM8NL4E4M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Networked	8 auxiliary, 8 managed	Tie Wrap
FP0150-C82D8PE6M/P8-A	T8-A	Т8-В	T8-C	P8-A	P8-B	P8-C	Standard	8 auxiliary, 8 lock control	E6M 30 x 23 x 6.5
FP0150-2D8PM8NL4E6M/P8-A	T8-A	Т8-В	T8-C	P8-A	P8-B	P8-C	Networked	8 auxiliary, 8 managed	Tie Wrap / Panduit

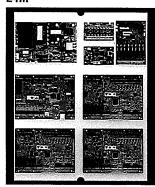
^{*}Model wiring option "P8-A" calls out A wired Panduit. Modify model number to order other options, i.e., FP0150-B100C82D8PE4M/T8-C (C wired tie wrap)

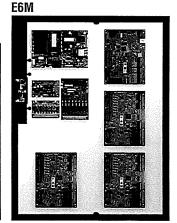
System Specifications

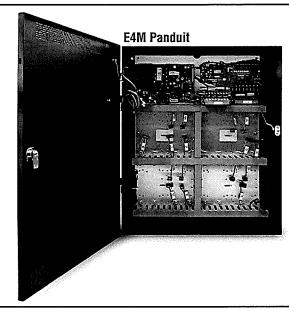
Power Supplies	FP0150	Power supply board 150W, 4A/24V										
	B100	Secondard voltage module, 4A/12V class 2 power limited										
		Input 120/230VAC 50/60Hz 170 Watts (1.42A)										
		Overload and short circuit protection Over temperature protection										
		Polarized AC power supply disconnect										
Battery Charging		Independent built-in charger for sealed lead-acid or gel type batteries										
		Microprocessor dual rate charging of 12 or 24V battery sets Automatic switchover to standby battery when AC fails										
		Zero voltage drop when switched over to battery backup										
Supervision		AC Fault (form "C" contacts)										
		System Fault (form "C" contacts) System Fault conditions: Low or no battery short to earth ground power supply failure										
Distribution Modules	D8P (X2)	8 auxiliary outputs, class 2 power limited at 2.5A per output (second D8P dedicated power to Mercury controllers)										
	C8	8 relay lock control outputs, fused at 3A per output										
	M8	8 relay managed outputs, fused at 3A per output										
Network Management	NL4	Four port module, Monitors and reports power supply status, Tests and reports battery health status.										
7	M8	Monitors eight (8) individual outputs. Remote reset each output. Set window thresholds for voltage & current.										
Enclosures	E4M	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm) Weight: 28 lbs.										
	E4M1	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm) Weight: 28 lbs.										
	E6M	Size: 30.00H x 23.00W x 6.50D in. (76.20 x 58.12 x 16.50 cm) Weight: 47 lbs.										
Wiring Suffix	T8-A P8-A	T = Tie Wrap P = Panduit 8 = Door count A = MR52 / EP1502										
	T8-B P8-B	T = Tie Wrap P = Panduit 8 = Door count B = MR52 / EP2500										
	T8-C P8-C	T = Tie Wrap P = Panduit 8 = Door count C = All MR52s MR52/LP1502 (4502) MR52/LP2500 All MR52's										
Regulatory Compliance	USA/Canada	UL294, UL1076 ULC S319 CSA C22.2 #107.1 FCC Part 15 CSFM										
2 ,	International	CE: IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010 +A1:2015										
	memanullai											
		India BIS IS13252(Part1):2010 Mexico NOM 001:2018										

Board Locations / Wiring Examples

E4M







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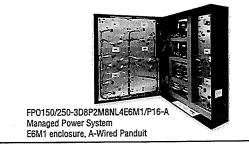
Mercury 16DR

Overview

These ProWire Unified Power wall mount models are single and dual voltage access power systems, precision wired for MERCURY controllers. ProWire enables the specification and installation of standardized access power equipment across an enterprise for uniform operation, maintenance and servicing.

The C8 or M8 control modules provide (16) sixteen access control inputs capable of voltage or dry contact activation, and (16) sixteen outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the power supply fire alarm interface. The D8 modules provide (16) sixteen auxiliary outputs. In dual voltage systems, each output is configurable for 12 or 24VDC operation.

ProWire Unified Power enclosures are painted steel with removable backplate, lock, keys and and tamper switch and come 100% factory tested - ready for final panel installation and field wire termination.



Product Features

- · Pre-installed wire harness for panel power, lock control, faults and tamper switch
- · Point to point wiring; labeled, color coded, twisted pair, shielded communication
- · Tie wrap or wire duct cable management options
- · Managed systems monitor power, batteries and sixteen outputs
- + UL294, ULC S319 joint LSP / Mercury integrated listing







Enclosure Styles



Model Nomenclature







Wiring Option



T Tie Wrap 16DR

B MR52 / LP2500 C Twelve (12) MR52

A MR52 / LP1502 (4502)







+18 - 1 - 1 11		Me	odel Wir	ing Optio	ns		Custom Tuno	Distributed Outputs	Enclosure / Cable Mgmt
*Model Number	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	System Type	Auxiliary and Control	H x W x D (inches)

Dual Voltage - 12A/12V and 10A/24V

FP0150/250-2C83D8PE4M1/P16-A	T16-A	T16-B	T16-C				Standard	16 auxiliary, 16 lock control	E4M1 24 x 20 x 6.5
FP0150/250-3D8P2M8NL4E4M1/P16-A	T16-A	T16-B	T16-C				Networked	16 auxiliary, 16 managed	Tie Wrap
FP0150/250-2C83D8PE6M1/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Standard	16 auxiliary, 16 lock control	E6M1 - 30 x 23 x 6.5
FP0150/250-3D8P2M8NL4E6M1/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Networked	16 auxiliary, 16 managed	Tie Wrap / Panduit
FP0150/250-2C83D8PE8M1/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Standard	16 auxiliary, 16 lock control	E8M1 36 x 30 x 6.5
FPO150/250-3D8P2M8NL4E8M1/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Networked	16 auxiliary, 16 managed	Tie Wrap / Panduit
FP0150/250-2C83D8PE8M2/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Standard	16 auxiliary, 16 lock control	E8M2 36 x 30 x 6.5 Tie Wrap / Panduit
FP0150/250-3D8P2M8NL4E8M2/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Networked	16 auxiliary, 16 managed	

Single Voltage - 20A/12V (10A/24V)

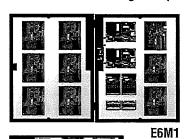
FP0250-2C83D8PE4M1/P16-A	T16-A	T16-B	T16-C	0.000			Standard	16 auxiliary, 16 lock control	E4M1 24 x 20 x 6.5	
FP0250-3D8P2M8NL4E4M1/P16-A	T16-A	T16-B	T16-C				Networked	16 auxiliary, 16 managed	Tie Wrap	
FP0250-2C83D8PE6M1/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Standard	16 auxiliary, 16 lock control	E6M1 - 30 x 23 x 6.5	
FP0250-3D8P2M8NL4E6M1/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Networked	16 auxiliary, 16 managed	Tie Wrap / Panduit	
FP0250-2C83D8PE8M1/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Standard	16 auxiliary, 16 lock control	E8M1 - 36 x 30 x 6.5	
FP0250-3D8P2M8NL4E8M1/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Networked	16 auxiliary, 16 managed	Tie Wrap / Panduit	
FP0250-2C83D8PE8M2/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Standard	16 auxiliary, 16 lock control	E8M2 36 x 30 x 6.5	
FP0250-3D8P2M8NL4E8M2/P16-A	T16-A	T16-B	T16-C	P16-A	P16-B	P16-C	Networked	16 auxiliary, 16 managed	Tie Wrap / Panduit	

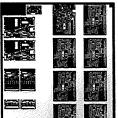
^{*}Model wiring option *P16-A" calls out A wired Panduit. Modify model number to order other options, i.e., FP0150/250-2C83D8PE8M2/T16-C (C wired tie wrap)

System Specifications

Power Supplies	FP0150	Power supply board 12A/12V, 150W										
	FP0250	Power supply board 10A/24V, 250W										
		Input 120/230VAC 50/60Hz Single voltage 142 Watts (1.42A) Dual voltage 452 Watts (3.77A)										
		Overload and short circuit protection Over temperature protection										
		Polarized AC power supply disconnect										
Battery Charging		Independent built-in charger for sealed lead-acid or gel type batteries										
		Microprocessor dual rate charging of 12 or 24V battery sets Automatic switchover to standby battery when AC fails										
		Zero voltage drop when switched over to battery backup										
Supervision		AC Fault (form "C" contacts)										
		System Fault (form "C" contacts) System Fault conditions: Low or no battery short to earth ground power supply failure										
Distribution Modules	D8P (X3)	16 auxiliary outputs, class 2 power limited at 2.5A per output (third D8P dedicated power to Mercury controllers)										
	C8 (X2)	16 relay lock control outputs, fused at 3A per output										
	M8 (X2)	16 relay managed outputs, fused at 3A per output										
Network Management	NL4	Four port module. Monitors and reports power supply status. Tests and reports battery health status.										
	M8 (X2)	Monitors sixteen (16) individual outputs, Remote reset each output. Set window thresholds for voltage & current.										
Enclosures	E4M1	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.51 cm) Weight: 28 lbs.										
	E6M1	Size: 30.00H x 23.00W x 6.50D in. (76.20 x 58.12 x 16.51 cm) Weight: 47 lbs.										
	E8M1	Size: 36.00H x 30.00W x 6.50D in. (91.44 x 76.20 x 16.51 cm) Weight: 70 lbs.										
	E8M2	Size: 36.00H x 30.00W x 6.50D in. (91.44 x 76.20 x 16.51 cm) Weight: 73 lbs.										
Wiring Suffix	T16-A P16-A	T = Tie Wrap P = Panduit 16 = Door count A = MR52 / EP1502										
	T16-B P16-B	T = Tie Wrap P = Panduit 16 = Door count B = MR52 / EP2500										
	T16-C P16-C	T = Tie Wrap P = Panduit 16 = Door count C = All MR52s MR52/LP1502 (4502) MR52/LP2500 All MR52's										
Regulatory Compliance	USA/Canada	UL294, UL1076 ULC S319 CSA C22.2 #107.1 FCC Part 15 CSFM										
	International	CE: IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010 +A1:2015										
		India BIS IS13252(Part1):2010 Mexico NOM 001:2018										

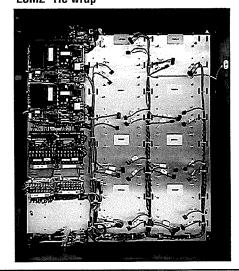
Board Locations / Wiring Examples



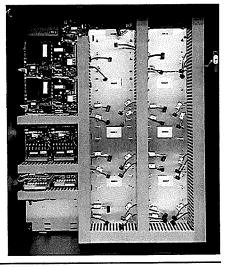


E8M2

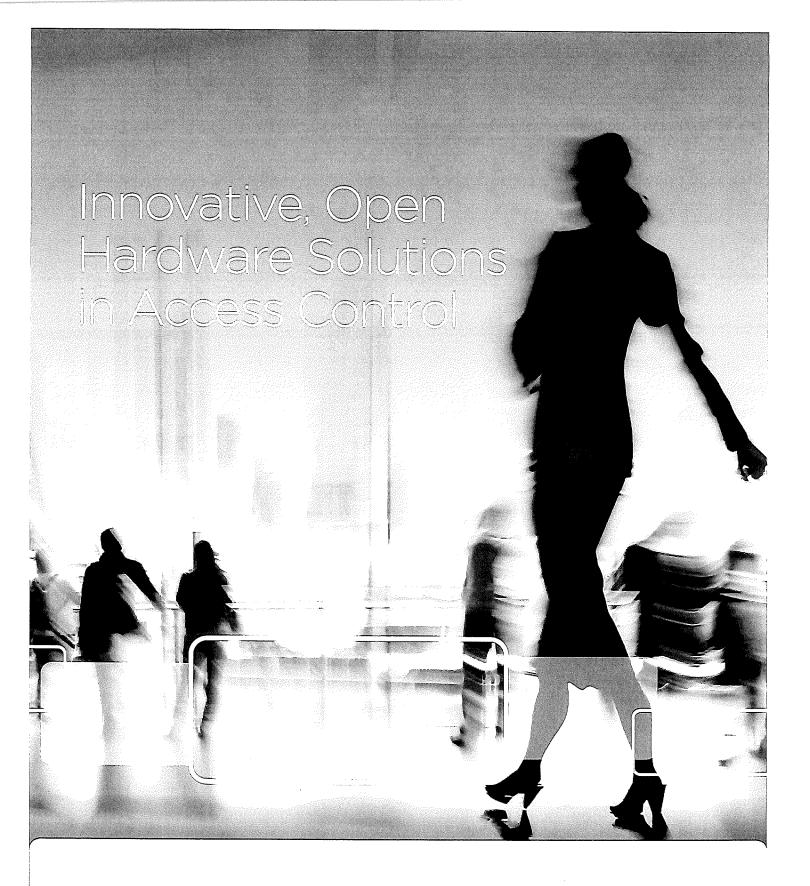
E8M2 Tie wrap







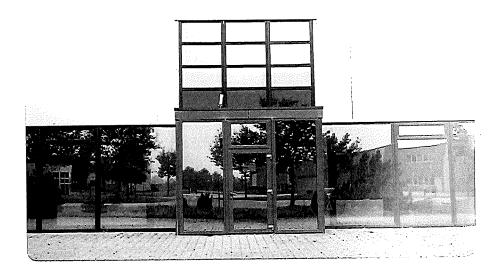
LifeSafety Power, Inc. 899 E Park Avenue Libertyville, IL 60048 USA (888) 577-2898 info@lifesafetypower.com P01-1020A 08/21 LifeSafety Power warrants to the original purchaser only that all products will be free from defects in material or workmanship at time of shipment. This warranty is non-transferable. Our obligation under this warranty is limited to repair or replacement, at the sole discretion of LifeSafety Power, of products that are defective in material or workmanship at the time of shipment provided they were used within the specified ratings and installed in accordance with accepted engineering practices. Products in the Unified Wired Systems Classification will be wired to the LifeSafety Power description of operation unless otherwise stated. At the time of installation it is the obligation of the purchaser or final installer to verify that all wired terminations provide the desired operation. In no event shall LifeSafety Power be responsible for any special, incidental or consequential damages even if LifeSafety Power has been advised of possibility of such damages. Customer hereby agrees to indemnify LifeSafety Power for and hold LifeSafety Power harmless from and against any and all loss, cost or expense (including reasonable attorneys' fees) directly related to any claim with respect to Unified WiredTM systems classification products except to the extent any such claim shall result from the gross negligence or willful misconduct of LifeSafety Power.



HID® Mercury™ Controllers



The HID Mercury open platform delivers quality assurance derived from the most proven and reliable hardware in the industry. HID Mercury hardware is designed as an access control platform that easily encompasses emerging technologies, changing industry standards and evolving system environments.



HID Mercury's open architecture is the cornerstone for creating a solid access control infrastructure.

Engineering Excellence

As an extension of our partners' engineering teams, the HID Mercury platform reduces hardware engineering and development times, resulting in lower total cost of ownership for partners and end user organizations. Driven by engineering excellence and technology leadership, our approach enables a faster time to market for partner applications resulting in a more robust, reliable and flexible options for end customer deployments.

HID Mercury access control hardware is optimized to meet the full range of customer requirements in today's evolving market. HID Mercury products are built on open architecture—the key for ensuring flexibility, increased ROI, scalability and cyber security throughout the lifecycle of an access control system. With more than four million panels installed worldwide, HID Mercury has become the controller platform supplier of choice for total building security.

Open

HID Mercury's open hardware platform is specifically designed to support the latest technologies, changing industry standards and evolving network environments. This makes it possible for organziations to proactively meet dynamic system requirements, especially as buildings become smarter and more connected.

HID Mercury hardware significantly reduces total cost of ownership by enabling the freedom to migrate systems over the entire lifecycle of the deployment.

Secure

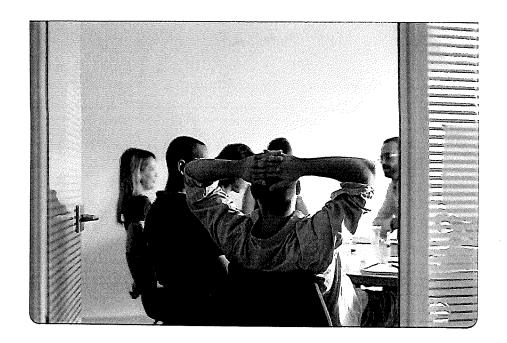
Reliability, continuous process improvement and a security-by-design methodology form the bases of HID's cyber security strategy.

We combine insights from extensive market coverage across nearly every vertical market and geography with collaboration across leading manufacturers, system integrators, consultants and end users to gather intelligence, refine best practices, identify potential threats, and streamline reporting.

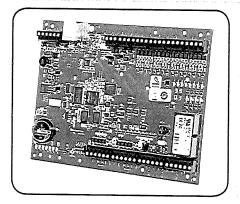
Connected

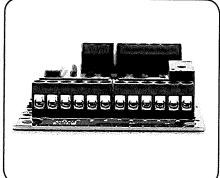
Open standards are the foundation for creating an access control infrastructure that simplifies the integration of third-party applications.

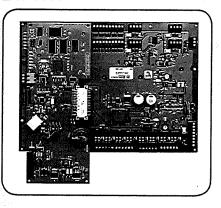
HID Mercury hardware is built to support a variety of open standards, including OSDP, BACnet, PSIA, MQTT, and numerous networking protocols so organizations can seamlessly add IoT, building automation, elevator control, wireless locks and a broad range of other capabilities using the HID Mercury API.



HID Mercury's platform is completely open. With more than four million panels installed around the world, HID Mercury has become the controller platform of choice for the industry's leading security software providers.







LP Series Intelligent Controllers

Built on the HID Mercury open platform, LP Series controllers provide the necessary flexibility for OEMs, channel partners and end customers to choose the controller configuration that best fits their needs. The Linux-based controller family offers support for the latest cyber security standards, robust platform of reliability, and a seamless upgrade for customers.

MR Series 3 Serial Input/Output Modules

The latest generation door interface module for HID Mercury intelligent controllers and the platform of choice for customers seeking open architecture access control solutions. These modules enable system expansion of HID Mercury intelligent controllers as part of HID Mercury's distributed architecture.

MS and M5 Bridge Products

Designed for interoperability with legacy third-party access control systems, bridge products are shaped from the existing HID Mercury controller platform and are designed to fit the specific physical parameters of products. These "screwdriver-less" plug & play modules retrofit legacy panels so that upgrading to an open, reliable, and flexible HID Mercury controller significantly reduces the cost of the overall system migration.

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PLT-04699

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Access Control Solutions

MR-52-S3

MR-52-S3 Subpanel

The MR-52-S3 SIO is a versatile 2 door, 4 reader subpanel. The MR-52-S3 enables simple system expansion with Mercury Controllers via RS-485 wiring. The MR-52-S3 offers an attractive expansion solution due to its versatility, reliability, and cost efficiency. The auxiliary inputs and outputs provide expanded flexibility with simplified point control and monitoring.

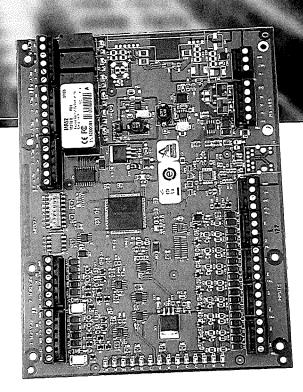
The MR-52-S3 is the direct replacement to the Series 2 MR-52 and uses the identical footprint and interface as the Series 2 MR-52. This allows panels to seamlessly be upgraded in existing deployments. Panels upgraded from Series 2 to Series 3 will not require any software reprogramming. The commitment to interoperability simplifies the steps to upgrade software and prevents issues in the field. The Series 3 subpanels maintain compatibility with older EP Series controllers and SCP models.

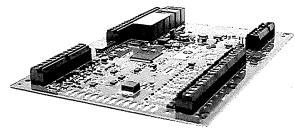
The MR-52-S3 supports a variety of reader technologies including Wiegand, F/2F, and OSDP with Secure Channel. Using OSDP Multi-drop technology allows 2 readers to me attached to a single reader port. The layout of the board provides flexibility with 4 auxiliary inputs and 4 auxiliary outputs allowing for a variety of security devices to easily connected. The auxiliary components are programmable for simplified automation and programmable supervised inputs provide an additional layer of security.

The Mercury Security platform continues to focus on data security. The MR-52-S3 subpanel supports secure communication between the controller board and the MR-52-S3 using AES-128/256 encryption over the RS-485 bus communications ensuring that data in transit remains secure. Onboard, the MR-52-S3 contains an embedded cryptographic memory chip. This memory chip stores important data, such as communication encryption keys, in a secure location ensuring data remains secure while at rest.

The MR-52-S3 includes these features:

- Controls up to 2 doors with all needed I/O
- 2-reader IN/OUT door configuration on a single reader port using OSDP communication
- Reader communication support for OSDP 2 with Secure Chamnel
- · 4 auxiliary inputs and 4 auxiliary outputs
- Programmable supervised injout End-Of-Line resistance
- SCP communication secured using TLS 1.2 and AES-128/256 bit data encryption
- Simple dip switch device addressing addressable between addresses 0-31
- Identical footprint and interface as the Series 2 MiR-52 allowing for a seamless transition from Series 2 to Series 3
- Embedded cryptographic memory chip ensures all local data remains secured while at rest
- Outputs can be configured for fail-safe or fail-secure operations
- · Alarm keypad support
- HSPD-12/FIPS201 Compliant
- UL294 Recognized, CE Compliant, RoHS





The MR-52-S3 is a popular SIO choice due to its versatility and cost-efficient nature. The MR-52-S3 can control two doors and the auxiliary inputs and outputs provide a simple framework to integrate devices and automate behavior.











RS2 Technologies has constructed an integrated family of access management software and hardware that can be configured to provide a cost-effective solution for very small to very large systems. The LP series of hardware relies on open architecture to maximize freedom for users, control costs, and allow for interoperability via integration to provide the most complete solution from a platform trusted worldwide.

RS2 Technologies Access Control Solutions MR-52-S3

	Technical Specifications							
	Access Configurations							
MR-52-S3 Supports 2 Doors, 4 Readers Configuration Uses 1 SIO Address Valid Between 0-31								
	Power							
Primary Power	12 to 24 Vdc +/- 10% 550 mA maximum							
Reader Power	Pass-through or 12 Vdc regulated 300 mA maximum per reader							
	Communication							
SIO Communication	RS-485 2-Wire AES-128/256 Encryption Addressable between addresses 0-31							

0.50 in.	[12.70 mm]		Ø 0.156 in. [3.96 mm] 8 PLACES
2.00 in. [50.80 mm]		. 1 . 7 2 Mar PFFL R1 R2	O O O O O O O O O O O O O O O O O O O
[203.20]			5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
- 2.00 in. (50.80 mm	TTR-	C20	Palaria O O O O O O O O O
-		- 5,50 in. [139,70 mm]	25 tr. (9 35 mm)

	Technical Specifications			
Panel Specifications				
Inputs	2 Unsupervised/Supervised Door Contact 2 Unsupervised/Supervised Request to Exit 1 Unsupervised Cabinet Tamper 1 Unsupervised Power Monitor 4 Unsupervised/Supervised Auxiliary Programmable Supervised End-of-Line Resistance Values			
2 Door Strike Form-C Contact NC 3 A @ 30 Vdc, resistive NO 5 A @ 30 Vdc, resistive 4 Auxiliary Form-C Contact NC 3 A @ 30 Vdc, resistive NO 5 A @ 30 Vdc, resistive				
2 Reader Ports 4 Readers Maximum using OSDP IN/OUT Mode OSDP with Secure Channel, Wiegand, Keypads, Biometric Readers, Clock and Data, Magnetic Stripe, I				
Cabling				
Power & Relays	1 Twisted Pair - 18 to 16 AWG			
F/2F	4-Conductor, 18 AWG, 500 Foot Maximum			
Magstripe and Wiegand (TTL)	6-Conductor, 18 AWG, 500 Foot Maximum			
OSDP RS-485	1 Twisted Pair, Shielded, 120 Ohm Impedance, 24 AWG, 2,000 Foot Maximum			
SIO RS-485	1 Twisted Pair with Drain Wire and Shield, 120 Ohm Impedance, 24 AWG, 4,000 Foot Maximum			
Physical Specifications				
Dimensions 6 in. (152mm) W x 8 in. (203 mm) L x 1 in. (25 mm)				
Humidity	5 to 85% RHNC			
Temperature	-55 to +85 °C Storage 0 to +49 °C Operating			
Weight	11 oz			



City of Kankakee, IL VUEWorks® Software & Implementation Quote

Prepared for: City of Kankakee 304 S Indiana Ave. Kankakee IL 60901-3945

Prepared by:
Data Transfer Solutions, LLC
3680 Avalon Park East Blvd., Suite 200
Orlando, FL 32828
www.dtsgis.com



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February 14, 2022

Mr. Zachary Newton City of Kankakee 304 S Indiana Ave. Kankakee IL 60901-3945

VUEWorks Software Quote

Data Transfer Solutions, LLC (DTS) respectfully presents a proposal for VUEWorks Asset Management software and implementation services.

DTS appreciates the opportunity to submit this proposal for consideration. We look forward to hearing from you and trust this information will be responsive to your needs. Please feel free to contact me with any question.

Sincerely,

Todd A. Spangler, PE, IAM | Business Development Manager

(407) 587-4066 | <u>tspangler@dtsgis.com</u>



VUEWorks Asset Management Software Description

Description:

The City of Kankakee desires to acquire and implement 25 additional concurrent licenses within the Kankakee River Metropolitan Agency's (KRMA) VUEWorks Instance. This will be accomplished by purchasing the additional licenses from DTS through KRMA. Implementation services will be purchased directly with Data Transfer Solutions, LLC (DTS).

Proposed Scope of Services for VUEWorks Implementation

DTS proposes to implement the modules listed below for the City of Kankakee Sewer Operations and Traffic Operations departments. The scope of this implementation is listed below:

- Work Management Modules
 - Implementation of VUEWorks Core and integration with the City's self-hosted geodatabase by connecting to a published REST service.
 - o Implementation of the Service Request module with up to three (3) unique service request forms.
 - o Implementation of the Work Order module with up to six (6) unique work order forms per department.
 - Implementation of the Resource Manager module (Personnel, Equipment, & Basic Inventory)
 - Implementation of the ServiceRequestVUE, WorkOrderVUE, and FacilityVUE apps
 - o Implementation of three (3) non-spatial asset templates
- Asset Management Modules
 - o Implementation of the Condition module for up to eight (8) asset types
 - o Implementation of the Risk module for up to eight (8) asset types
 - o Implementation of the Valuation module for up to eight (8) asset types
- Reporting
 - Development of up to ten (10) dynamic reports and six (6) months of self-paced comprehensive report create training through the VUEWorks Learning Management System.
- Integration
 - GraniteNET one-way thru Data Link and SFTP nightly upload
 - ArcGIS online map service
- Training
 - Administrator level training (throughout implementation and one day remote prior to Go-Live)
 - Field user level training including ServiceRequestVUE, WorkVUE, and FacilityVUE (one day onsite prior to Go-Live)



Pricing

VUEWorks Implementation and Training Services (Year one only) Total Year One Price Total Years (2-5) Annual Price	\$248,500.00 \$12,000
VUEWorks Annual Hosting (yearly)	\$5,000.00
VUEWorks Annual Support and Maintenance (yearly)	\$7,000.00
Additional VUEWorks License for 25 Concurrent Users in KRMA's VUEWorks Instance (Year one only)	\$35,000.00

This quote is for software only for 25 additional concurrent user licenses to be added to KRMA's hosted VUEWorks instance.

This quote is valid through September 30, 2022.

Terms & Conditions

Invoicing & Payment Terms

It is DTS' normal practice to invoice monthly for all software and services as they are delivered or incurred on the project. Payment terms are Net 30 from date of invoice.

Additional Service Fees

In the event it becomes apparent to Data Transfer Solutions, LLC that estimated fees in this recommendation will be exceeded due to unforeseen issues or complications or due to any changes in the scope of the project requiring a change in the Scope of Services, DTS will notify the client of the additional need and require authorization to proceed.



Attachment 1 - VUEWorks Software Overview

VUEWorks software is an affordable, web-enabled GIS-integrated enterprise asset management solution. VUEWorks is designed for use by state and local governments, utilities, corporations, schools, theme parks and other organizations that need to track the condition, minimize failure risk and optimize expenditures and service delivery of their physical assets. VUEWorks integrates directly with GIS data, allowing users to share geospatial and non-geospatial data on any physical asset within any infrastructure domain. Typical domains include transportation, utilities (water, wastewater and stormwater), facilities, fleet, power (generation, transmission and distribution), oil and gas pipelines, airports, seaports and more.

VUEWorks software employs an all-assets model that is based on asset types and asset classes, and therefore does not require users to purchase separate modules for individual assets.

VUEWorks' application database is SQL Server-based and will integrate with any ODBC-compliant database or set of databases (SQL, Oracle, Access, Excel), coded in C#. The Data Linking functionality that is native to the system was designed for integration between the Core application and any third-party system to ensure that other IT investments can be leveraged. The VUEWorks application also runs within a virtualized server environment.

Performance-based asset management breaks the asset management life-cycle down into five primary categories:

- Core assets
- · Work management
- Resource management
- Risk-based asset management
- Plan management

Each of these categories are equally important in assessing, evaluating, planning and maintaining alignment between organizational goals and the efficient, cost-effective utilization of limited resources. This is critical in order to effectively maintain an organization's infrastructure and assets in a sustainable state of good repair. Following is a deeper dive into the five primary categories.

Core Assets is the GIS-centric listing of all the individual infrastructure assets that make up an asset, system or network that requires periodic reactive or routine maintenance to keep it in a state of good repair. Core Assets consists of a real-time integration with Esri's ArcGIS Server REST end-point services to allow your registry of assets mapped in GIS to be used as your asset inventory against which Service Requests and Work Orders, Resources, Risk-based Asset Management and Budget Forecasting can be applied. For non-spatial assets and information that also requires management, VUEWorks offers a Facilities application that can be tailored to manage information related to assets such as assets within a building or fleet.

Work Management is the timely coordination and efficient execution of activities that are in alignment with organizational goals for maintaining infrastructure in a state of good repair. Work management consists of Service Requests and Work Orders. Service Requests encompass requests made upon an organization for information or for action, typically in way of a defined work activity. Requests can be internal or external. They can come from departments internal to the organization or from citizens and stakeholders' external to the organization. Work Orders encompass reactive, proactive, capital and



preventative maintenance work orders to organize and execute work. Work Management is integrated with or may be used separately from Resource Management.

Resource Management allows you to efficiently manage work activities by managing the limited resources required to execute those activities. These resources include detailed information about labor, equipment and material inventory as well as contracted labor, equipment and/or inventory provided by vendors. Log resources against a Work Order for tracking and Activity Based Costing. Track stock materials, quantities on hand, locations and trigger re-ordering.

Risk-Based Asset Management is the process of maintaining infrastructure in a sustainable state of good repair based on how a particular asset performs or deteriorates over time. Risk-based asset management includes the routine inspection and condition assessment of assets within an infrastructure network in order to compare a single asset's performance against the general performance of all like assets. In risk-based asset management, each asset is also assessed for risk related to the likelihood and consequence of failure of that specific asset. These risk factors are used in prioritization when creating work plans and budgets. Other considerations in risk-based asset management are the valuation of an asset and "cost of ownership" through an asset's life-cycle, as well as replacement costs.

Plan Management brings together budgets and plans for annual programs, capital improvement plans and master plans. This allows organizations to analyze the impacts of annual programs to determine what the next set of projects and budgets should be to align master plans and organizational goals. An important step within Plan Management is the analysis of different routines, capital and long-term programs and plans using "what-if" scenarios. Organizations can create, for instance, capital improvement plans that model out both "budget" and "impact on asset condition" and include additional useful life of the asset based on plan scenarios. The capability to run multiple plan scenarios to get the right mix of "budget" and "impact" to maintain infrastructure networks in a state of good repair is a critical function of a performance-based asset management system.

Performance-Based Asset Management

Handling the life-cycle of assets



- Forecast capital budget needs
- Create & manage capital projects
- Analyze different tactics using "what-if" scenarios



- Track condition, depreciation & value
- Analyze & prioritize consequences
 of failure





- Document & track requests
 for action
- Create & track work orders



- Manage time & expenses for labor & equipment
- Manage quantity, expenses
 location for inventory

ABOVE: VUEWorks® applications and how they relate to the five primary areas of performance-based asset management.



DTS invests heavily in VUEWorks Research and Development to meet the future needs of our clients. Since VUEWorks is highly configurable and asset-agnostic, most of the Town's needs would be met through configuration of the existing software.

VUEWorks does not maintain any custom streams of code. If a client requires a feature that is not available in VUEWorks, our team works with the client to get those users stories into our agile development cycle. Once development is finished, the new feature becomes part of a build release and is available to all VUEWorks users. The VUEWorks user does not have to apply the new feature if they do not wish as they are handled through a series of checkboxes. At the Town, customizations of VUEWorks would really be "configurations" of Town workflows and contain any number of business processes, reports and dashboards as needed per Department or business function.

VUEWorks releases builds regularly throughout the year that may be applied by the client as they wish (e.g. quarterly, bi-annually or annually). Releases include substantial new features and functionality. VUEWorks is an Esri business partner and is recognized by Esri as a best in class work and asset management solution. VUEWorks is architected such that all system configurations, setups and software customizations persist across builds and upgrades with no impact to the client.

Product Offering



VUEWorks® software is an affordable, webenterprise GIS-integrated enabled management solution. VUEWorks is designed for use by state and local governments, utilities, corporations, schools, theme parks and other organizations that need to track the condition, minimize failure risk and optimize expenditures and service delivery of their physical assets. VUEWorks integrates directly with GIS data, allowing users to share geospatial and nongeospatial data on any physical asset within any infrastructure domain. Typical domains include transportation, utilities (water, wastewater and stormwater), facilities, fleet, power (generation, transmission and distribution), oil and gas pipelines, airports, seaports and commercial property management.

VUEWorks software employs an all assets model that is based on asset types and asset classes, and therefore does not require users to purchase separate modules for individual assets.





- Asset Registry
- GIS Assets
- Facility Assets





- Service Calls
- Work Orders
- CIP Projects





- : Condition
- Risk
- Valuation





- Budget
- Projects



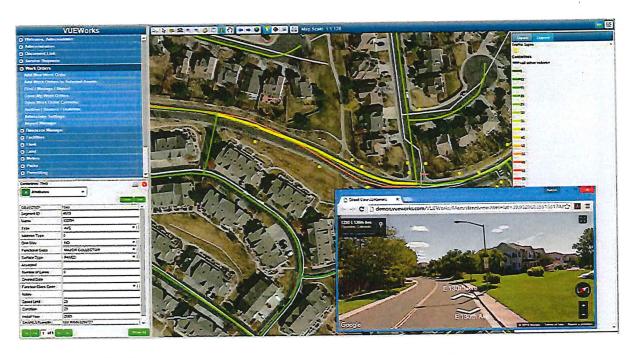
VUEWorks and its modules can be thought of as building upon each other. The base (red) allows for map and data sharing. Work management tools (steel gray) integrate with the core module of the system by creating relationships between asset features and the resources used to maintain them – this integration provides much greater functionality for organizations to use as they perform standard daily, weekly, monthly and as-needed tasks to maintain assets. Organizations that incorporate strategic asset management (gold) consider their assets from a long-term perspective that (depending upon the asset type) may look decades into the future.



VUEWorks® Core

Web-based access to all your GIS and asset management data — anytime, anywhere

VUEWorks® Core is the foundation for all other VUEWorks modules, connecting your existing GIS data to the VUEWorks strategic asset and work management system. You can link documents and databases to specific assets, conduct multi-level searches, buffer queries, measure distances and create reports. Best of all, it is very configurable and easy to navigate and use. As a web-based application, VUEWorks can be accessed with a browser via the Internet/intranet, Wi-Fi and wireless communication cards. This gives users the added flexibility to access VUEWorks from the office, the field or home using a traditional desktop computer, notebook or tablet.



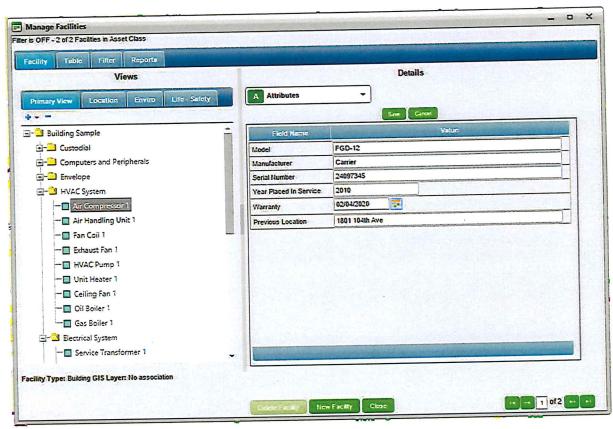
- Integrated with Esri ArcGIS Server
- > Manage read/write/edit permissions by department, role and user
- > User defined dashboards to graphically display statistical data for service requests and work orders
- > Easily link documents such as image files, PDFs, videos and many other formats to any asset for quick viewing anytime, anywhere
- > Use Data Link to seamlessly link external databases in Access, Excel, SQL Server, Oracle or any ODBC-compliant database



Facilities

For buildings, pump stations, treatment plants & vehicle fleet

The VUEWorks® Facilities module provides access to physical assets not found in a GIS but which still need historical service/work records, data links, condition assessment, valuation, preventative maintenance scheduling and access to key operational documentation. The types of facilities that can be managed are virtually limitless including pumps, motors, fleet and building components. The Multi-view feature allows assets to be organized in different categories (e.g., location/floor level, department or manufacturer). The VUEWorks Facilities data linking features combined with the Work Order module allow automatic work orders to be issued based on user defined triggers from a SCADA or ITS database.



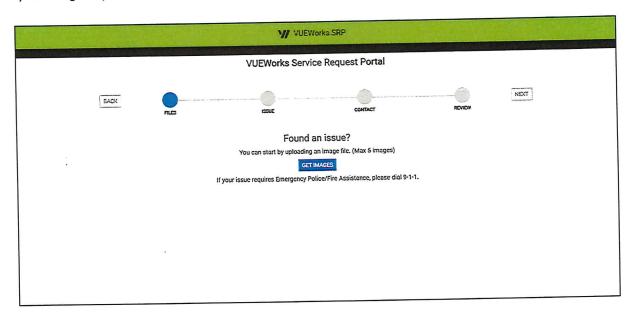
- Manage non-GIS assets like building components and internal equipment
- > Create and organize assets in a hierarchical structure for easy reference
- > Inventory fleet and mobile equipment in the Resource Manager module for use with work orders
- > Structure your asset hierarchy to include work orders, condition, valuation and more.
- Manage facilities with trigger work orders based on equipment run-time or other data (e.g., SCADA systems)



Request Portal

For citizens and customers to place requests online

The VUEWorks® Request Portal module delivers convenient online access for citizens and customers to place their requests using the Web. No customization or third party database is required. The Request Portal interfaces directly to the Service Request module. And the Request Portal status is kept up-to-date when a service request is closed. At any time, a citizen or customer can review the status of their request by entering the portal and viewing "My Requests" or by searching for a Service Request ID.



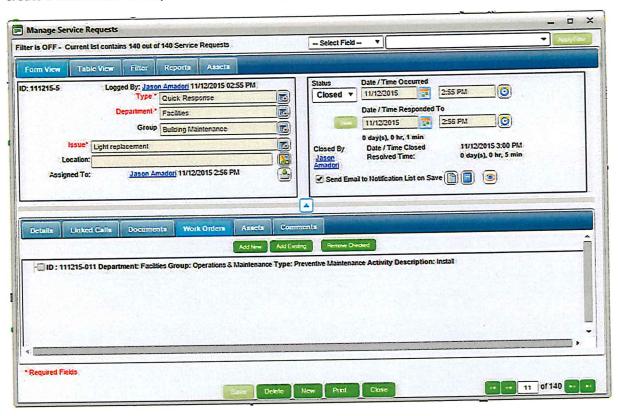
- > Allows citizens and customers to issue requests directly, reducing the burden on your call takers or front office staff
- > Minimizes errors by directly populating the Service Request module
- > Complete integration between the Request Portal and the Service Request and Work Order modules
- > Request Portal status is kept in sync with work orders that have linked service requests
- > Allows your agency to receive and share request status after hours, 24/7, 365 days a year
- > The Request Portal can be accessed via smartphones and other mobile devices



Service Request

For managing service requests from any source

The VUEWorks® Service Request module enables you to record and track requests from those you serve. This configurable module allows you to attach requests to assets in the GIS or in the Facilities module. Request takers can quickly fill out the information for the request and, if the Work Order module is in use, create a work order directly from the service request.



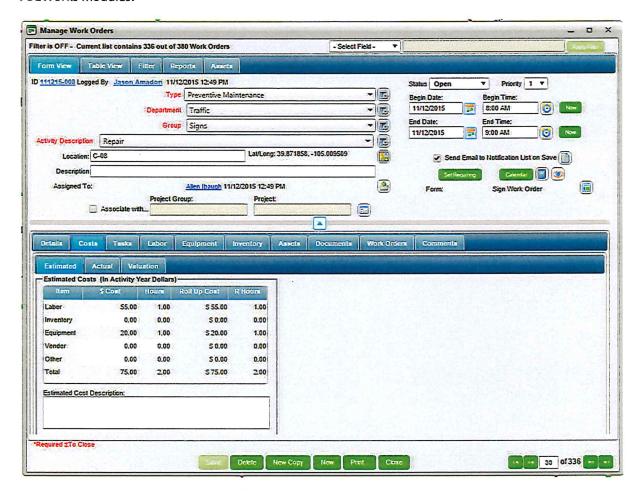
- > Service request forms can be easily filled out while talking with the requester
- > Record and track requests from both internal and external customers
- > Can be used for maintenance activities (potholes, missing signs, etc.) and for reservation activities
- > Allows for calculating resolved time between the request and the time the request is closed
- > Identify and track duplicate requests to avoid creating multiple work orders for the same incident



Work Order

For work activities, preventative maintenance, tracking progress & costs and notifications & reporting

The VUEWorks® Work Order module combines the power of computerized maintenance management systems (CMMS) with geographic information systems (GIS) to manage and plan work activities. Work orders can be configured to match your existing work order forms to maintain the look and feel of your existing workflow, right down to the activity level. Easily create preventative maintenance schedules linked to a calendar to view activities by day, week or month. Trigger work orders based on data measurements or events from SCADA systems or other data links. The Work Order module can be integrated with other VUEWorks modules.



- > Work order forms can be user defined to fit your "look & feel" and existing work process
- > Attach work orders to any physical asset on the map or non-GIS asset in the Facilities module for easy reference
- Robust reporting features include pre-defined report templates and wizards
- > Automated email notices can be sent to any email program
- Work orders can be logged from the field in a fully disconnected mode.



VUEWorks Mobile Suite of Apps

For asset management, work management, tracking progress & costs and notifications in the field









The VUEWorks mobile app collection includes the CitizenVUE, ServiceRequestVUE, WorkOrderVUE and FacilityVUE apps. All apps are built on Microsoft Xamarin technology and are native apps within the iOS, Android and Windows app stores.

CitizenVUE is intended for an organization's customers for issue submission.

ServiceRequestVUE provides staff the ability to view and respond to service requests as they enter data into the application while out of the office. This provides flexibility and a faster response time.

WorkOrderVUE allows field staff to efficiently create, reassign and complete work orders in the field without the need to return to the office.

FacilityVUE provides for easy access to non-spatial assets in the field for data collection, condition assessment and work order creation via a deep link into the WorkOrderVUE app.

The ServiceRequestVUE, WorkOrderVUE and FacilityVUE apps are all interconnected to allow for easy transition between the apps to provide targeted apps with the ability to monitor and manage the entire work management process in the field. In addition, each app has a native integration with Esri's Collector/Field Maps apps and Map Services, providing mapping visibility within the apps themselves and a direct link to the best-in-breed Esri apps for seamless transition between apps.

- > Syncs with VUEWorks for simple "grab and go" field device use
- > Work with your GIS data in a fully disconnected state
- > Perform asset condition inspections, asset attribute updates and capture new assets
- > Designed for tablet and smartphone form factors and touch input



Resource Manager

For quick cost calculations on labor, equipment and inventory used (parts & materials)

The VUEWorks® Resource Manager module is tightly integrated with the Work Order module so that associated time and costs for personnel, crews, contractors, vendors, equipment and other items pulled from inventory can be tracked. Time for labor and equipment can be accounted for independently with the Time Recorder feature, then passed on to external accounting systems. Multiple billing rates can be assigned for different labor roles and activities. Set up personnel so that employees can be placed on a work order based on job classification, availability and cost. Personnel managers can be set up to search for an employee job classification, availability and cost in an easy-to-use calendar interface.



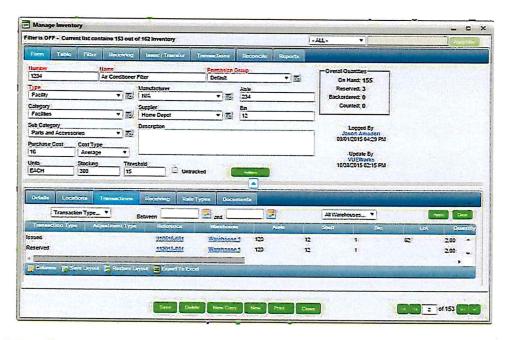
- > Personnel, equipment and inventory items/costs can be added and tracked in work orders
- > Assign multiple labor rates to special field activities to get quick cost estimates
- > Get real-time inventory tracking with alerts for low inventory
- > Use the calendar interface to track availability of employees and equipment
- > Automatic notification of employees and supervisors when assigned to a work order
- > Import/export personnel, equipment and inventory to accounting systems



Advanced Inventory

For quick cost calculations and advanced inventory management on inventory (parts & materials)

The VUEWorks Advanced Inventory module is a transaction-based inventory model where all transactions are recorded in the system such that a complete financial audit trail can be kept for all transactions relating to inventory.



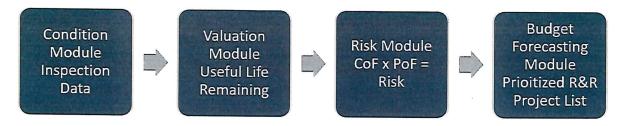
- > Transaction-based inventory model
- > Ability to organize inventory into user defined categories and subcategories
- > Manage unlimited number of warehouses with inventory items
- > Assign inventory to various locations within a warehouse and organize into aisles, shelves and bins
- > Transfer inventory items between warehouses
- Receive inventory items either manually or through Purchase Orders
- > Issue inventory items to work orders or manage a return of an inventory item
- > Ability to reconcile a physical count of an inventory item with the count in the system
- Manage transaction types for inventory items
- > Grouping of inventory items as "Kits" for common maintenance activities
- > Manage suppliers and manufacturers
- Automate purchase order related processes based on inventory stocking and threshold levels
- Link documents such as maintenance instructions to inventory items
- > Equipment can be issued and returned similar to inventory items



VUEWorks Strategic Asset Management Modules

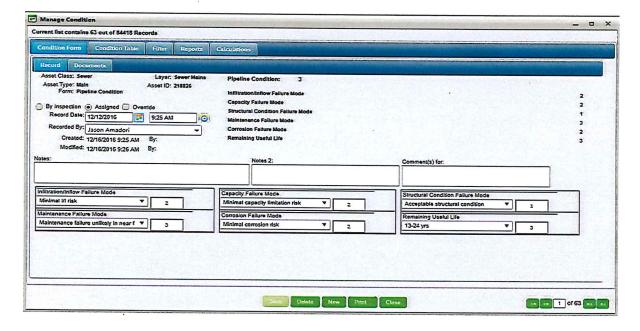
For maintaining infrastructure in a sustainable state of good repair

VUEWorks strategic asset management modules can be used to provide the Town with cost effective life-cycle planning to prioritize WHERE and WHEN work needs to be programmed. Using the powerful Budget Forecasting module to forecast near and long-term budgetary needs using deterioration curves and data from external databases and the VUEWorks Risk, Valuation and Condition modules. Combined, these tools offer unmatched life-cycle management capabilities that help organizations provide the consistent level of service that stakeholders and customers expect.



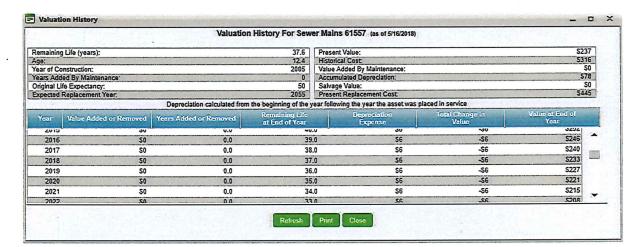
VUEWorks robust data linking functionality allows for external databases to be integrated and utilized to populate Condition and Risk records. These records are then used within the Budget Forecasting module to forecast treatment and budgetary needs.

The VUEWorks Condition module is highly configurable, allowing organizations to collect, summarize, analyze, rate and report on the condition of the assets. VUEWorks provides configurable tools that allow for the configuration of rating criteria and tracks the condition history and how condition has changed over time. Asset attribute data such as size and material are stored in the GIS as part of VUEWorks Core. VUEWorks Core is the foundation for all other VUEWorks modules, connecting your existing GIS data to the VUEWorks strategic asset and work management system.





The VUEWorks Valuation module removes the labor and expense of meeting Meeting Government Accounting Standards Board (GASB) Statement No. 34 requirements for maintaining and reporting value and depreciation of infrastructure assets, Valuation can calculate historical costs back to the time of construction.



VUEWorks Risk-Based Asset Management can provide a process of maintaining asset infrastructure in a sustainable state of good repair based on how an asset performs or deteriorates over time. Risk-based asset management includes the routine inspection and condition assessment of assets within an infrastructure network (either from an external database or from internally configured condition inspection form) in order to compare a single asset's performance against the general performance of all like assets. In risk-based asset management, each asset is also assessed for risk related to the likelihood and consequence of failure of that specific asset. These risk factors are used in prioritization when creating work plans and budgets. Other considerations in risk-based asset management are the valuation of an asset and "cost of ownership" through an asset's life-cycle, as well as replacement costs.

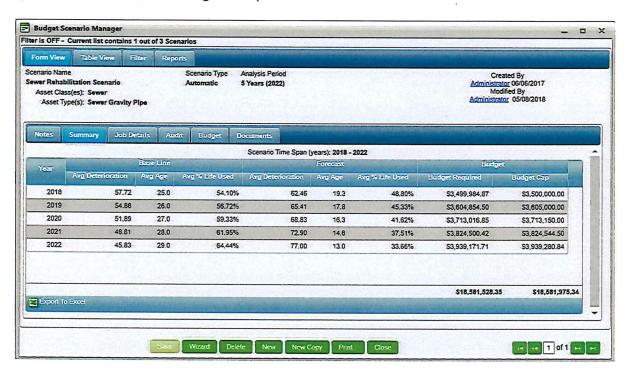


The VUEWorks Risk module allows the capturing of stakeholder concerns in a risk model to strategically prioritize limited resources and work activities. It allows organizations to determine the consequences of failure by analyzing failure modes and failure probabilities for asset classes and types. Risk priorities are configured by assigning weight factors. Once the risk model has been configured and calculated, the VUEWorks Risk module makes it easy to quickly look at every aspect of the risk model by highlighting assets on a map and illustrating findings to stakeholders to justify work priorities. Failure history data and pipe hydraulic data can be linked and utilized in the analysis.

The VUEWorks Plan Management tools brings together budgets and plans for annual programs, capital improvement plans and master plans. This allows analyzing the impacts of annual program to determine what the next set of projects and budgets should be to align master plans and organizational goals. An important step within Plan Management is the analysis of different routines, capital and long-term programs and plans using "what-if" scenarios. Organizations can create, for instance, capital improvement plans that model out both "budget" and "impact on asset condition" and include additional useful life of the asset based on plan scenarios. The capability to run multiple plan scenarios to get the right mix of "budget" and "impact" to maintain infrastructure networks in a state of good repair is a critical function of



a performance-based asset management system.



The VUEWorks Budget Forecasting module delivers configurable, multi-year capital improvement planning capabilities to help determine long-term budget needs based on deterioration curves. Organizations can use one of the supplied deterioration curves or configure their own as a basis for forecasting and then identify at what point on the deterioration curve an asset should be rehabilitated or replaced based on risk and condition. "What-if" budget scenarios can be created by adjusting budgets, project types and prioritization criteria – then run forecasting models to see if your budget will meet service level goals.

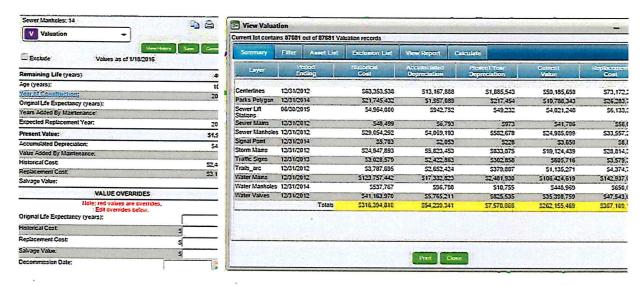
The VUEWorks Work Management tools provide timely coordination and efficient execution of activities that are in alignment with organizational goals for maintaining infrastructure in a state of good repair. Work management consists of Service Requests and Work Orders. Service Requests encompass requests made upon an organization for information or for action, typically in way of a defined work activity. Requests can be internal or external. They can come from departments internal to the organization or from citizens and stakeholders' external to the organization. Work Orders encompass reactive, proactive, capital and preventative maintenance work orders to organize and execute work. Work Management is integrated with or may be used separately from Resource Management. Furthermore, VUEWorks is capable of linking directly into spreadsheets, Microsoft Access, SQL, Oracle and any ODBC-compliant database.



Valuation (GASB 34)

For calculating the value and depreciation for all physical assets

The VUEWorks® Valuation module removes the drudgery and expense of meeting the Government Accounting Standards Board (GASB) Statement No. 34 requirements for maintaining and reporting value and depreciation of infrastructure assets. With reporting under your control, you can leverage depreciation and related financial information to help plan budgets and projects. Missing historical cost data? No problem — Valuation will calculate historical costs back to the time of construction. You can also enter historical costs directly or enter unit costs and let VUEWorks calculate the total value.



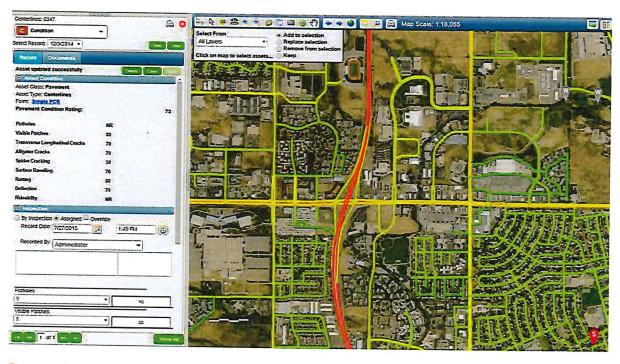
- > Integrates seamlessly with the VUEWorks Facilities module & your GIS
- > Determine and report historical and replacement costs
- > Calculate value and depreciation for all infrastructure assets including buildings, streets, bridges, pipes and equipment
- > Take control of depreciation parameters to realize the full value of your assets
- > Account for maintenance through work orders that add value and extend asset life
- > Powerful search and filter capabilities allow users to report by location or other criteria



Condition

For condition tracking and reporting on any physical asset

The VUEWorks® Condition module is highly configurable, allowing you to collect, summarize, analyze, rate and report on the condition of any asset (whether signs, street lights, pipes, roads, power lines, playground equipment, trees or something else). Develop your own condition inspection criteria or use condition data collected with the use of other software. Either way, VUEWorks provides configurable tools that allow you to build your own rating criteria as simple or as detailed as required. History features show how condition has changed over time for each asset or the entire system. The Report Designer lets you design just about any style of report with data from all sources including GIS data and linked databases that contain condition assessment details.



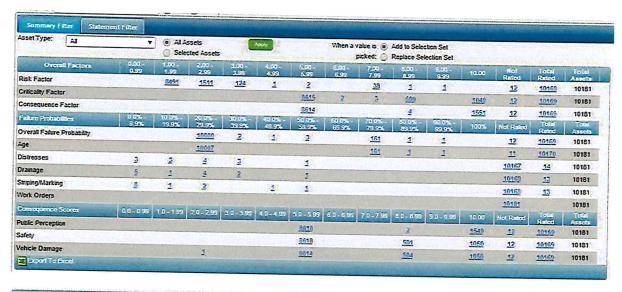
- > Supports condition ratings using the following methods: Simplified, Itemized and Defect
- Link to external condition data to summarize, analyze, rate and report
- > Integrates with GIS to visualize color-coded conditions for viewing on a map
- > Using the VUEWorks Work Order module, capture condition data directly on work order forms
- > Integrated ASTM templates measure pavement condition for asphalt and concrete
- > Condition inspections can be performed in the field in a connected or disconnected mode

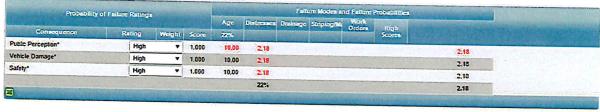


Risk

For strategic planning and prioritization of work activities

The VUEWorks® Risk module allows you to capture stakeholder concerns in a risk model to strategically prioritize limited resources and work activities. Determine the consequences of failure by analyzing failure modes and failure probabilities for asset classes and types. Configure priorities by assigning weight factors. Once you have the risk model configured and calculated, VUEWorks Risk makes it easy to quickly look at every aspect of the risk model by highlighting assets on a map and illustrating findings to stakeholders to justify work priorities. Avoid costly failures before they occur!





- > Use GIS data with the VUEWorks Multi-edit and Buffer tools to quickly assign consequence of failure values to assets in the GIS
- > Utilize the consequence of failure values as a measure of criticality when comparing assets
- > Configure up to ten consequence and failure modes for each asset type
- > Use data from the Work Order module (e.g., number of work orders as a variable) or any external database such as a capaTown analysis to keep risk models current
- Use risk data to forecast budgets for asset maintenance and replacement

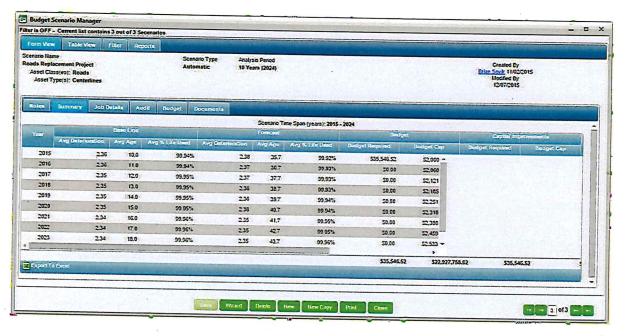


Budget Forecasting

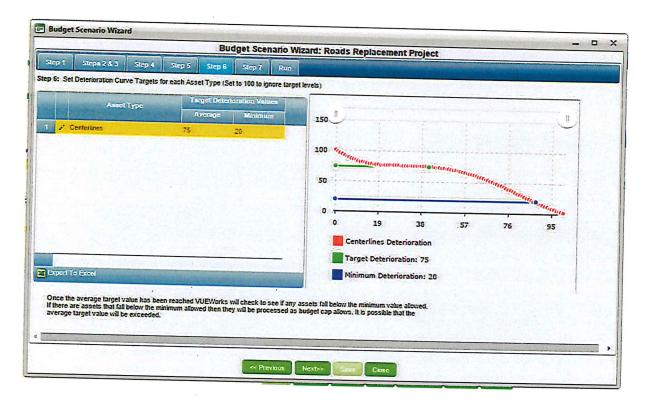
For multi-year capital improvement budget forecasts

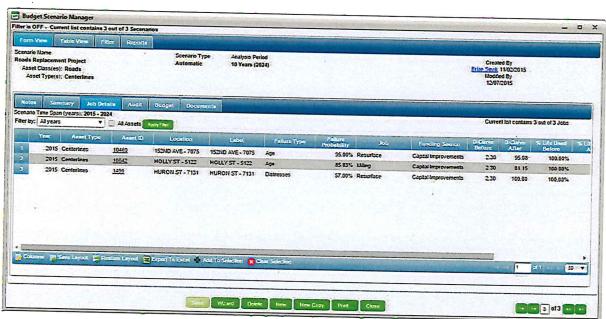
The VUEWorks® Budget Forecasting module delivers configurable, multi-year capital improvement planning capabilities to help determine long-term budget needs based on deterioration curves. Use one of the supplied deterioration curves or one of your own as a basis for forecasting and then identify at what point on the deterioration curve an asset should be rehabilitated or replaced based on risk and condition. "What-if" budget scenarios can be created by adjusting budgets, project types and prioritization criteria — then run forecasting models to see if your budget will meet service level goals. For pavement, PCI values can be used to determine the work activities and cost to maintain a roadway pavement surface condition that supports the needs of the user.

VUEWorks cost-benefit analysis capability takes into consideration not only direct life-cycle costs of projects, but also social and environmental costs. These features allow transportation agencies to incorporate the costs of factors such as lost travel time, accident rates and fuel consumption when planning projects.









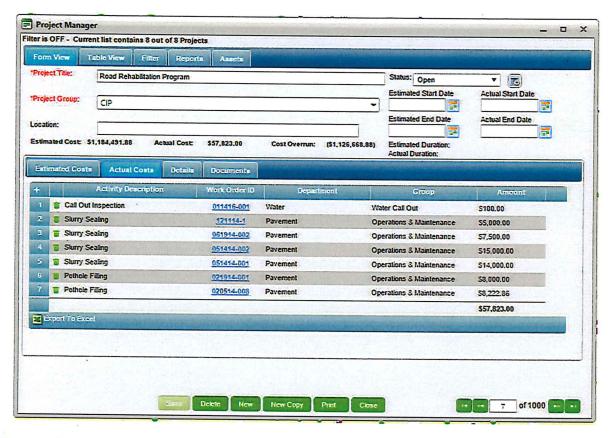
- > View how different budget scenarios impact the overall condition of any asset class
- > Select from risk and failure probability criteria to define how rehabilitation will be prioritized
- > Automate the assignment of rehabilitation jobs based on failure modes such as capaTown and condition
- > Pre-determine the impact of rehabilitation jobs on the life-cycle of the asset.



Projects

For construction cost estimation and budget analysis

The VUEWorks® Projects module delivers capabilities to define projects, calculate estimated costs, group them for budgeting purposes and compare estimated costs with actual costs through integration with the VUEWorks Work Order module. Features allow you to assign job costs for an entire asset, a portion of it or multiple point repairs along it. The Projects module allows you to group and summarize projects hierarchically by asset classes, asset types and jobs through a simple interface. Once you have one or more jobs defined, simply select the assets involved in the project, assign the jobs and let VUEWorks perform all the calculations and generate summaries.

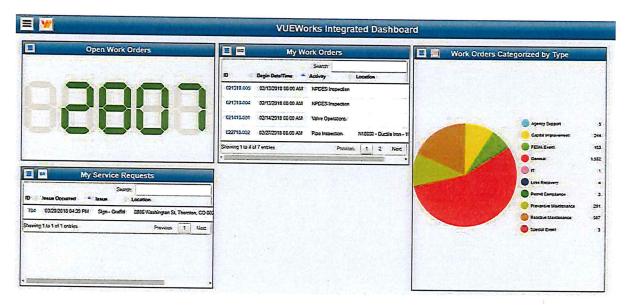


- ➤ Include any asset classes and types within the same project great for corridor projects involving multiple asset classes
- Create a library of comprehensive repair job types
- > Configure your own status terms to display such as Pending, On Hold, In Progress, Completed, Backlogged, etc.
- > Allows adjustment of a project cost by forecasting inflation rates
- > Run projects through the Budget Forecasting module to analyze the best cost—benefit ratio, extending asset life

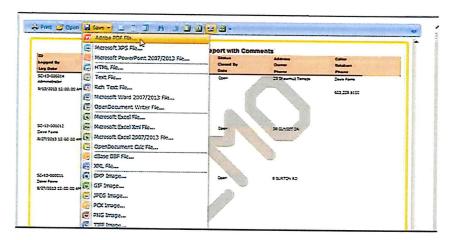


Dashboards and Reporting

VUEWorks is capable of visualizing charts, reports and graphs of various reports available through its user-configured dashboards. These dashboards are data-driven, so the user can specify each data source (GIS, Condition module, Risk module or linked data) and then render a report based on the user's needs. Dashboards are an excellent way to provide visibility into the user's data to support high-level decision-making.



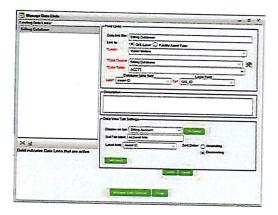
VUEWorks includes its own native reporting engine and query/report user interface for all modules. VUEWorks supports full reporting Standard and Dynamic Reporting against all data fields in all user interfaces, as well as full reporting against linked data and the GIS database. Report data can be exported into many file formats including but not limited to Excel, dbase, csv, work and PDF to name a few. VUEWorks is also able to integrate with Crystal Reports and BI tools.



VUEWorks is capable of linking directly into spreadsheets, Microsoft Access, SQL, Oracle and any ODBC-compliant database. Linked data can be used to auto-populate dropdown lists, auto-populate information in modules (such as PCI or PACP ratings or ownership information in the Service Request module), trigger work orders (e.g. from SCADA data), is available for reporting and is a great way to maintain visibility into

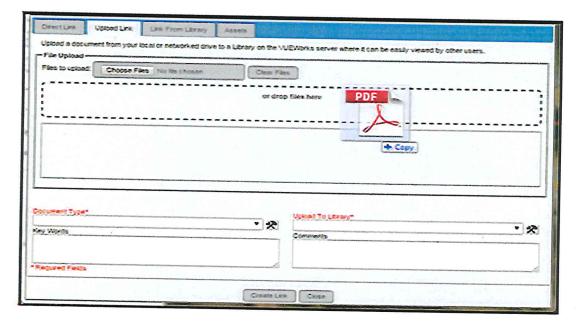


legacy databases without the cost or complexity of migrating the data into VUEWorks. Linked data can also be associated with GIS features, allowing spatial queries to be performed on data that is external to VUEWorks such as SCADA, custom databases or other data sources. External databases can have any type of data in their columns. Because VUEWorks is a 100% web-based application, as soon as the new data is collected from the web form it is immediately available for display, reporting and other uses.





Above we see a data link from a leading finance/ERP system linked into VUEWorks. This inherently makes the external ERP financials and permitting the data to be geospatially enabled. Not only can VUEWorks read and expose data from these modules via the hyperlink shown, the module can be launched within VUEWorks and it then opens directly to the record. External data can be exposed through VUEWorks geospatially via the GIS or non-geospatially.



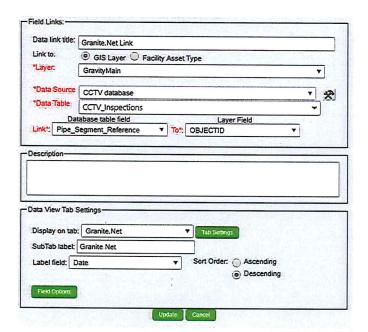
Data Link can link to an unlimited number of external databases and tables, to views of tables and directly to Excel spreadsheets. Tables can contain links that launch third party applications – to include AutoCAD, PDF, video files, CCTV / PACP applications and more.

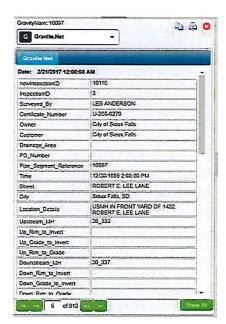


Sample List of VUEWorks Integrations				
System	Туре	System	Туре	
TownSourced	Citizen Request Portal	PAVER	Pavement Modeling	
Active Directory	AD Authentication	Hansen ·	Personnel	
Esri	GIS	LaserFische	Document	
			Management	
Pictometry	Imagery	Custom Customer	Citizen Request Portal	
		Service Modules		
SharePoint	Web API for Internal	M5	Equipment/Fleet	
	Service Requests		Management	
SeeClickFix	Citizen Request Portal	Web IMS	Inventory	
CUES/Granite XP	Pipe Inspections	Cardinal	Personnel	
Maximo	Pull Work Orders into	dTIMS	Pavement Modeling	
	VW Strategic AMS		-	
eX2	ATMS (ITS)/AVL	BRM	Bridge Management	
Tyler MUNIS	Personnel, Equipment,	Infor	Pull Work Orders into	
	Inventory		VW Strategic AMS	
FileBound	Document	StreetSaver	Pavement Modeling	
	Management			
Backend GIS data	Python tool to push	Phoenix Fuel System	Fuel System	
updates	data into SDE			
Esri Roads & Highways	Linear Referencing	PeopleSoft	Personnel	
	System			
MiLogIn	Active Directory	eDirectory	Single Sign On	
	Authentication/Single			
D 45	Sign On			
M5	Equipment/Fleet	Edgesoft	Permitting	
Ciama	Management	6	2 11/1	
Sigma	Inventory	Springbrook	Payroll/Inventory	
MIDB	Personnel	Excel, Access,	Various Types	
PDRP	Citizen Denvert Dentel	Microsoft	T	
SAP	Citizen Request Portal	iTree	Tree Management	
H T E/Sunguard	Payroll data export	GasBoy	Fuel System	
MicroStation	Payroll, Inventory CAD/As-builts	Grey Island Wonderware	AVL	
FASTER			SCADA Infrastructure	
FASIEN	Equipment/Fleet Management	Cloudconnect	Bar Coding	
QAlert	Citizen Request Portal	WASP	Bar Coding	
PeopleSoft	Payroll data export	VV/JI	Dai Couling	
1 copiesori	Tayron data export	L		

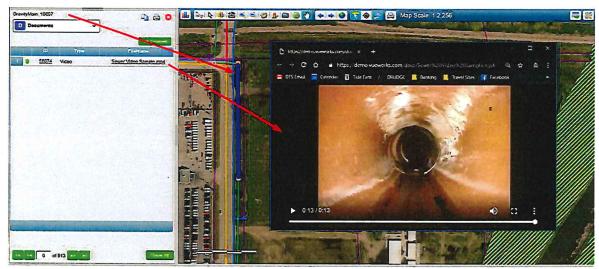


Integration Sample Screenshots





CCTV Data Link

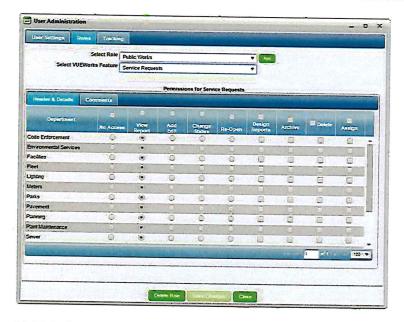


CCTV Data Link



Security

VUEWorks contains a fully featured security console. All modules can be controlled for user access. The extent to which access is granted (read only, read and edit, read and edit and delete, read and edit and delete and modify, etc.). VUEWorks can use Windows Active Directory and Single Sign On.



VUEWorks Authentication

This is the most basic form of authentication. A user will create a login to the VUEWorks application itself. This requires the user to maintain separate credentials.

Active Directory Authentication

This form of authentication uses the current users' windows session to sign into VUEWorks. The credentials are the same as the user's Windows credentials. For additional information regarding User authentication, see VUEWorks Technical Specifications.



ITEM D: LIFT STATION REPLACEMENT PUMPS

- 1). HILLCREST
- 2). EAST GRACEFIELD



GASVODA & ASSOCIATES, INC.

"Helping people use water efficiently"

1530 Huntington Drive Calumet City, IL 60409 Phone 708-891-4400 Fax 708-891-5786

PROPOSAL

TO:

City of Kankakee

850 N. Hobbie Ave

Kankakee, IL 60901

DATE:

February 4, 2022

PROJECT:

Replacement Pump - Hillcrest

ATTN:

Bob Beland

E-MAIL:

rcbeland@citykankakee-il.gov

The seller hereby offers the following equipment subject to all terms & conditions noted on this contract:

We are pleased to offer the following proposal for your review and consideration on the above-named project. Kindly review our offer in its entirety and let us know of any further questions or requirements. The Terms and Conditions listed herein shall apply to this offer. Please review them carefully as they have changed. Description

ONE (1)

Smith & Loveless® Model 4C2A STAR ONE™ Flooded Suction complete pump:

- 20 HP, 1800 RPM, 3/60/230-volt TEFC motors.
- The pump motor shall be Premium Efficiency and Inverter Ready.
- Impeller trim and flow advise upon an order.
- The complete pump includes the motor, bronze seal housing, mechanical seal assembly, motor adapter, impeller, volute, integral front head/pump stand and suction elbow.
- Suction elbow 4"X8".
- Includes touch-up paint kit and installation hardware.

Total Investment...\$ 28,601.00

Qualifications	Clarifications	and/or	Exceptions
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Hunter Hardesty

_	T
Our proposal does not inc	clude any equipment, materials or services not specifically detailed above.
Our proposal does not inc	clude any applicable taxes.
Our proposal does not inc	clude installation or startup.
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*** * * * * * * * * * * * * * * * * *	
Subject to and in ac	cordance with the Terms & Conditions listed in this proposal with no exceptions, or
alternative pricing wi	ll apply.
This proposal and the sec	
Gasvoda & Associates, Inc	ched terms and conditions cannot be modified in any way except by expressed written approval of
TERMS:	
,	NOTICE, NEW TERMS AND CONDITIONS APPLY. SEE ATTACHED SHEET FOR DETAILS.
FREIGHT:	F.O.B. factory, allowed to jobsitePrepay and add to invoice
START-UP:	O day(s) start up is included. Additional start up, if required, will be billed at our standard rate
TAXES:	ALL applicable taxes must be added.
SUBMITTAL DATA: DELIVERY:	_to_weeks after receipt of order
DURATION:	18 to 20 weeks after approval and authorization to proceed.
GASVODA & ASSOCIAT	This proposal is valid for 30 days after which we reserve the right to review or withdraw.
ODII & RODUCIA.	TES, INC. ACCEPTED:
	(Authorized signature)
BY:	(varioused signature)

Title: Date:

AUTHORIZATION TO PROCEED:

Authorization to proceed with placing the proposed equipment on order must be acknowledged by the return of this document properly executed where required. Such acknowledgment will be considered as your acceptance of this proposal understanding the terms & conditions stated above and at the end of this proposal. No submittals will be started and no equipment will be released to manufacturing prior to our receiving your formal authorized return of this document.

Thank you for the opportunity to provide our proposal. Please do not hesitate to call with any further questions or requirements.

Please be sure to fill in the required "Ship To" information below and return it at the time of placing your order. Failure to do so will result in shipment of the equipment to the Buyers address.

BILL TO:			SHIP TO:		
			···		
CONTACT PERSON:					
PHONE:					
PURCHASE ORDER N	JMBER:				
SPECIAL MARKINGS:					
TAXABLE:					
TAX ID#:		-		• •	

GASVODA & ASSOCIATES INC. TERMS AND CONDITIONS OF SALE

TERMS

- 1. Terms of payment are 100% net due 30 days from "date of shipment & invoice" for all orders less than \$100,000. 2.
- Terms and conditions for orders totaling more than \$100,000.00 are based on progress payments as follow:
 - A) 10% of net order total due upon delivery of submittal data for review and approval with no retainage allowed.
 - B) 10% of remaining net order total due at time of release to production with no retainage allowed.
 - C) Entire balance of remaining net order total due within 30 business days after delivery and invoicing with no

Start-up services will not be scheduled prior to receipt of full and final payment, with no exceptions.

CONDITIONS

General

Subject only to any credit terms which Seller may extend, the total purchase price hereunder is due at such time, within or after the estimated shipment period specified on the face hereof, as said equipment is ready to be shipped. Buyer shall pay in full all invoices within the time for payment specified therein and BUYER'S PAYMENT OBLIGATION IS NO WAY DEPENDENT OR CONTINGENT UPON BUYER'S RECEIPT OF PAYMENT FROM ANY OTHER PARTY. Any balance owed by Buyer for 30 days or more after the same becomes due is subject to a 1-1/2% per month delinquency charge until paid. In addition to all other amounts due hereunder, Buyer shall reimburse Seller in full for all collection costs or charges, including reasonable attorney's fees, which Seller may incur with respect to the collection of past due amounts from Buyer.

2.

Seller warrants only that said equipment is free from defects in materials and workmanship as set forth in Seller's standard Certificate of Warranty furnished to Buyer at the time of final shipment. Seller makes no other warranty concerning said equipment beyond that set forth in said Certificate and expressly disclaims any warranty of merchantability or fitness for any particular process not described in the applicable drawings and specifications.

Seller's sole responsibility with respect to any equipment which proves to be defective as to materials or workmanship is either to replace or to repair the same as is set forth in said Certificate of Warranty. Unless authorized in writing by Seller, Seller is not responsible for any charge or expense incurred for the modification, servicing or adjusting of said equipment after the same has been delivered to Buyer.

3. Liability of Seller

Seller is not liable in any event hereunder for any consequential, incidental, or liquidated damages or penalties.

4.

Buyer shall immediately inspect said equipment upon receipt thereof. Seller is not obligated to consider any claim for shortages or non-conformance unless notified thereof by Buyer within 10 days after Buyer's receipt of said equipment.

5.

Should Buyer cancel this agreement without Seller's prior written consent, Seller may, at its option, recover from Buyer a cancellation charge of not less than

6.

Sale may be subject to state sales tax depending on the state. Gasvoda & Associates requires proof of exemption for all nontaxable sales. Regardless of exemption status, Gasvoda & Associates proposal does not include any sales tax. Payment of any sales tax remains the responsibility of the purchaser.

7.

If at such time, within or after the estimated shipment period specified on the face hereof, as Seller notifies Buyer that said equipment is ready to be shipped Buyer requests a delay in shipment, Seller may, at its option, agree to store said equipment for a period of time determined by Seller, provided that such agreement will not affect Buyer's obligation to pay in full all invoices as they become due, and provided further that for each month, or portion thereof, said equipment is stored by Seller, Buyer shall pay to Seller as a storage fee an amount equal to 1% of the balance due hereunder.

8. Drawings, Illustrations and Manuals

Catalog and proposal drawings, bulletins, and other accompanying literature are solely for the purpose of general style, arrangement and approximate dimensions. Seller may make any changes Seller deems necessary or desirable.

9. Insurance

We have made no allowances for special insurance requirements including but not limited to "Waiver of Subrogation", "Form GC2010", liquidated damages, or anything beyond what is specifically spelled out as being included herein. We reserve the right to amend our offering for anything required outside of the specific items/services spelled out as being included. An exception must be in writing and authorized by Gasvoda & Associates.

10.

NO START UP WILL BE MADE PRIOR TO 100% PAYMENT. Warranty is invalid without authorized start up.

Pump Curve



1300 SUCTION PIPE REQUIREMENTS: 75 - 300 GPM: 4 IN. 180 - 600 GPM: 6 IN. 315 - 1200 GPM: 8 IN. 500 - 1200 GPM: 10 IN. 4B2A*1 - 4B2G*1 - 4C2A*1 - 4C2G*1 NON-CLOG PUMP CONSTANT SPEED PERFORMANCE 20 BHP 1760 RPM MAXIMUM SOLID - 3 IN, SPHERE 4B2A*1/4B2G*1, 1760 RPM 15 HP & 70.1% 1200 15 BHP 1100 75 - 400 GPM; 4 IN. 180 - 800 GPM; 6 IN. 315 - 1200 GPM; 8 IN. 500 - 1200 GPM; 10 IN. DISCHARGE PIPING RECOMMENDATIONS: 1000 10 BHP HP & Efficiency: Pump Model: 900 7.5 BHP 800 750 GPM @ 42 ft. Moving to 4C2A, 20HP, 1800 RPM Original 4B2A - 15HP, 1800 RPM Original Conditions of 750@ 42 8 - 1/2 Inches 700 600 70 Flow (GPM) Design Point: Impeller Trim: 200 400 300 HILL CREST Kankakee, IL 08-8350 (cm-32288 200 10 1/8" 8 1/2" 100 Project Name: Location: 8 1/2" 7" 110 120 100 90 80 20 9 50 40 30 20 10 0 (.ff.) HOT



GASVODA & ASSOCIATES, INC.

"Helping people use water efficiently"

1530 Huntington Drive Calumet City, IL 60409 Phone 708-891-4400 Fax 708-891-5786

PROPOSAL

TO:

City of Kankakee

850 N. Hobbie Ave

Kankakee, IL 60901

DATE:

February 7, 2022

PROJECT:

Replacement Pump - East Gracefield

ATTN:

Bob Beland

E-MAIL:

rcbeland@citykankakee-il.gov

The seller hereby offers the following equipment subject to all terms & conditions noted on this contract:

We are pleased to offer the following proposal for your review and consideration on the above-named project. Kindly review our offer in its entirety and let us know of any further questions or requirements. The Terms and Conditions listed herein shall apply to this offer. Please review them carefully as they have changed. Description

ONE (1)

Smith & Loveless® Model 4B2A STAR ONE $^{\text{\tiny{TM}}}$ Flooded Suction complete pump. Modified pump stand:

- 5 HP, 1200 RPM, 3/60/230-volt TEFC motors.
- The pump motor shall be Premium Efficiency and Inverter Ready.
- Impeller trimmed to 8" for 300 GPM @ 22' TDH.
- The complete pump includes the motor, bronze seal housing, mechanical seal assembly, motor adapter, impeller, volute, integral front head/pump stand and suction elbow.
- Suction elbow 4".
- Includes touch-up paint kit and installation hardware.

Total Investment...\$ 22,877.14

Qualifications Clarifications and/or Exceptions

Our proposal does not include any equipment, materials or services not specifically detailed ab	ove.
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Our proposal does not include any applicable taxes.

Our proposal does not include installation or startup.

*Subject to and in accordance with the Terms & Conditions listed in this proposal with no exceptions, or alternative pricing will apply.

This proposal and the attac Gasvoda & Associates, Inc	hed terms and conditions cannot be modified in any way except by expressed writt	en approval of
TERMS: FREIGHT: START-UP: TAXES: SUBMITTAL DATA: DELIVERY: DURATION: GASVODA & ASSOCIAT	NOTICE, NEW TERMS AND CONDITIONS APPLY. SEE ATTACHED S. DETAILS. F.O.B. factory, allowed to jobsitePrepay and add to invoiceO day(s) start up is included. Additional start up, if required, will be billed at our ALL applicable taxes must be addedtoweeks after receipt of order18 to20 weeks after approval and authorization to proceed. This proposal is valid for 30 days after which we reserve the right to review or will the proposal is valid for 30 days after which we reserve the right to review or will see the	HEET FOR
	ES, INC. ACCEPTED:	•
BY:	(Authorized signature)	
Hunter	Hardesty Title: Date:	

AUTHORIZATION TO PROCEED:

Authorization to proceed with placing the proposed equipment on order must be acknowledged by the return of this document properly executed where required. Such acknowledgment will be considered as your acceptance of this proposal understanding the terms & conditions stated above and at the end of this proposal. No submittals will be started and no equipment will be released to manufacturing prior to our receiving your formal authorized return of this document.

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Please be sure to fill in the required "Ship To" information below and return it at the time of placing your order. Failure to do so will result in shipment of the equipment to the Buyers address.

BILL TO:			_ SHIP TO:		
				_	ì
CONTACT PERSON:					
PHONE:					
PURCHASE ORDER NUM	MBER:				
SPECIAL MARKINGS:			-		
TAXABLE:			-		
TAX ID#:		•			

GASVODA & ASSOCIATES INC. TERMS AND CONDITIONS OF SALE

TERMS

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- Terms and conditions for orders totaling more than \$100,000.00 are based on progress payments as follow:
 - A) 10% of net order total due upon delivery of submittal data for review and approval with no retainage allowed.
 - B) 10% of remaining net order total due at time of release to production with no retainage allowed.
 - C) Entire balance of remaining net order total due within 30 business days after delivery and invoicing with no retainage allowed.

Start-up services will not be scheduled prior to receipt of full and final payment, with no exceptions.

CONDITIONS

Subject only to any credit terms which Seller may extend, the total purchase price hereunder is due at such time, within or after the estimated shipment period specified on the face hereof, as said equipment is ready to be shipped. Buyer shall pay in full all invoices within the time for payment specified therein and BUYER'S PAYMENT OBLIGATION IS NO WAY DEPENDENT OR CONTINGENT UPON BUYER'S RECEIPT OF PAYMENT FROM ANY OTHER PARTY. Any balance owed by Buyer for 30 days or more after the same becomes due is subject to a 1-1/2% per month delinquency charge until paid. In addition to all other amounts due hereunder, Buyer shall reimburse Seller in full for all collection costs or charges, including reasonable attorney's fees, which Seller may incur with respect to the collection of past due amounts from Buyer.

2. Warranty

Seller warrants only that said equipment is free from defects in materials and workmanship as set forth in Seller's standard Certificate of Warranty furnished to Buyer at the time of final shipment. Seller makes no other warranty concerning said equipment beyond that set forth in said Certificate and expressly disclaims any warranty of merchantability or fitness for any particular process not described in the applicable drawings and specifications.

Seller's sole responsibility with respect to any equipment which proves to be defective as to materials or workmanship is either to replace or to repair the same as is set forth in said Certificate of Warranty. Unless authorized in writing by Seller, Seller is not responsible for any charge or expense incurred for the modification, servicing or adjusting of said equipment after the same has been delivered to Buyer.

3. Liability of Seller

Seller is not liable in any event hereunder for any consequential, incidental, or liquidated damages or penalties.

Claim Period 4.

Buyer shall immediately inspect said equipment upon receipt thereof. Seller is not obligated to consider any claim for shortages or non-conformance unless notified thereof by Buyer within 10 days after Buyer's receipt of said equipment.

5. Cancellation

Should Buyer cancel this agreement without Seller's prior written consent, Seller may, at its option, recover from Buyer a cancellation charge of not less than 20% of the purchase price hereunder.

6. Taxes

Sale may be subject to state sales tax depending on the state. Gasvoda & Associates requires proof of exemption for all nontaxable sales. Regardless of exemption status, Gasvoda & Associates proposal does not include any sales tax. Payment of any sales tax remains the responsibility of the purchaser.

7.

If at such time, within or after the estimated shipment period specified on the face hereof, as Seller notifies Buyer that said equipment is ready to be shipped Buyer requests a delay in shipment, Seller may, at its option, agree to store said equipment for a period of time determined by Seller, provided that such agreement will not affect Buyer's obligation to pay in full all invoices as they become due, and provided further that for each month, or portion thereof, said equipment is stored by Seller, Buyer shall pay to Seller as a storage fee an amount equal to 1% of the balance due hereunder.

8. Drawings, Illustrations and Manuals

Catalog and proposal drawings, bulletins, and other accompanying literature are solely for the purpose of general style, arrangement and approximate dimensions. Seller may make any changes Seller deems necessary or desirable.

9.

We have made no allowances for special insurance requirements including but not limited to "Waiver of Subrogation", "Form GC2010", liquidated damages, or anything beyond what is specifically spelled out as being included herein. We reserve the right to amend our offering for anything required outside of the specific items/services spelled out as being included. An exception must be in writing and authorized by Gasvoda & Associates.

10.

NO START UP WILL BE MADE PRIOR TO 100% PAYMENT. Warranty is invalid without authorized start up.

ITEM E: LIFT STATION REPLACEMENT PUMPS

- 1). NORTHLAND
- 2). STATION K
- 3). KCC
- 4). INDIAN MEADOWS
- 5). GARR GREEK



GASVODA & ASSOCIATES, INC.

"Helping people use water efficiently"

1530 Huntington Drive Calumet City, IL 60409 Phone 708-891-4400 Fax 708-891-5786

PROPOSAL

TO:

City of Kankakee

DATE:

February 4, 2022

850 N. Hobbie Ave

Kankakee, IL 60901

PROJECT:

Replacement Pump - Northland

ATTN:

Bob Beland

E-MAIL:

rcbeland@citykankakee-il.gov

The seller hereby offers the following equipment subject to all terms & conditions noted on this contract:

We are pleased to offer the following proposal for your review and consideration on the above-named project. Kindly review our offer in its entirety and let us know of any further questions or requirements. The Terms and Conditions listed herein shall apply to this offer. Please review them carefully as they have changed.

Qtv

Description

ONE (1)

Smith & Loveless® Model 4B2A STAR ONE™ Flooded Suction complete pump:

- 10 HP, 1800 RPM, 3/60/230-volt TEFC motors.
- The pump motor shall be Premium Efficiency and Inverter Ready.
- Impeller trim and flow advise upon an order.
- The complete pump includes the motor, bronze seal housing, mechanical seal assembly, motor adapter, impeller, volute, integral front head/pump stand and suction elbow.
- Suction elbow 4"X6".
- Includes touch-up paint kit and installation hardware.

Total Investment...\$ 25,235.00

Qualifications Clarifications and/or Exceptions

Our proposal does not include any equipment, materials or services not specifically detailed above.

Our proposal does not include any applicable taxes.

Our proposal does not include installation or startup.

*Subject to and in accordance with the Terms & Conditions listed in this proposal with no exceptions, or alternative pricing will apply.

This proposal and the attached terms and conditions cannot be modified in any way except by expressed written approval of Gasvoda & Associates, Inc. TERMS: NOTICE, NEW TERMS AND CONDITIONS APPLY. SEE ATTACHED SHEET FOR DETAILS. FREIGHT: ___F.O.B. factory, allowed to jobsite. ____Prepay and add to invoice 0 day(s) start up is included. Additional start up, if required, will be billed at our standard rate. START-UP: TAXES: ALL applicable taxes must be added. SUBMITTAL DATA: _to_weeks after receipt of order DELIVERY: 18 to 20 weeks after approval and authorization to proceed. DURATION: This proposal is valid for 30 days after which we reserve the right to review or withdraw. GASVODA & ASSOCIATES, INC. ACCEPTED: (Authorized signature) BY: Hunter Hardesty Title: Date:

AUTHORIZATION TO PROCEED:

Authorization to proceed with placing the proposed equipment on order must be acknowledged by the return of this document properly executed where required. Such acknowledgment will be considered as your acceptance of this proposal understanding the terms & conditions stated above and at the end of this proposal. No submittals will be started and no equipment will be released to manufacturing prior to our receiving your formal authorized return of this document.

Thank you for the opportunity to provide our proposal. Please do not hesitate to call with any further questions or requirements.

Please be sure to fill in the required "Ship To" information below and return it at the time of placing your order. Failure to do so will result in shipment of the equipment to the Buyers address.

BILL TO:			SHIP TO:		
		,			
			-		
CONTACT PERSON:					
PHONE:				·	
PURCHASE ORDER N	UMBER:				
SPECIAL MARKINGS:					
TAXABLE:					
TAX ID#:			•		

GASVODA & ASSOCIATES INC. TERMS AND CONDITIONS OF SALE

TERMS

- Terms of payment are 100% net due 30 days from "date of shipment & invoice" for all orders less than \$100,000. 1. 2.
- Terms and conditions for orders totaling more than \$100,000.00 are based on progress payments as follow:
 - A) 10% of net order total due upon delivery of submittal data for review and approval with no retainage allowed.
 - B) 10% of remaining net order total due at time of release to production with no retainage allowed.
 - C) Entire balance of remaining net order total due within 30 business days after delivery and invoicing with no

Start-up services will not be scheduled prior to receipt of full and final payment, with no exceptions.

CONDITIONS

General

Subject only to any credit terms which Seller may extend, the total purchase price hereunder is due at such time, within or after the estimated shipment period specified on the face hereof, as said equipment is ready to be shipped. Buyer shall pay in full all invoices within the time for payment specified therein and BUYER'S PAYMENT OBLIGATION IS NO WAY DEPENDENT OR CONTINGENT UPON BUYER'S RECEIPT OF PAYMENT FROM ANY OTHER PARTY. Any balance owed by Buyer for 30 days or more after the same becomes due is subject to a 1-1/2% per month delinquency charge until paid. In addition to all other amounts due hereunder, Buyer shall reimburse Seller in full for all collection costs or charges, including reasonable attorney's fees, which Seller may incur with respect to the collection of past due amounts from Buyer.

2.

Seller warrants only that said equipment is free from defects in materials and workmanship as set forth in Seller's standard Certificate of Warranty furnished to Buyer at the time of final shipment. Seller makes no other warranty concerning said equipment beyond that set forth in said Certificate and expressly disclaims any warranty of merchantability or fitness for any particular process not described in the applicable drawings and specifications.

Seller's sole responsibility with respect to any equipment which proves to be defective as to materials or workmanship is either to replace or to repair the same as is set forth in said Certificate of Warranty. Unless authorized in writing by Seller, Seller is not responsible for any charge or expense incurred for the modification, servicing or adjusting of said equipment after the same has been delivered to Buyer.

3. Liability of Seller

Seller is not liable in any event hereunder for any consequential, incidental, or liquidated damages or penalties.

4.

Buyer shall immediately inspect said equipment upon receipt thereof. Seller is not obligated to consider any claim for shortages or non-conformance unless notified thereof by Buyer within 10 days after Buyer's receipt of said equipment.

5.

Should Buyer cancel this agreement without Seller's prior written consent, Seller may, at its option, recover from Buyer a cancellation charge of not less than

6.

Sale may be subject to state sales tax depending on the state. Gasvoda & Associates requires proof of exemption for all nontaxable sales. Regardless of exemption status, Gasvoda & Associates proposal does not include any sales tax. Payment of any sales tax remains the responsibility of the purchaser.

7.

If at such time, within or after the estimated shipment period specified on the face hereof, as Seller notifies Buyer that said equipment is ready to be shipped Buyer requests a delay in shipment, Seller may, at its option, agree to store said equipment for a period of time determined by Seller, provided that such agreement will not affect Buyer's obligation to pay in full all invoices as they become due, and provided further that for each month, or portion thereof, said equipment is stored by Seller, Buyer shall pay to Seller as a storage fee an amount equal to 1% of the balance due hereunder.

8 Drawings, Illustrations and Manuals

Catalog and proposal drawings, bulletins, and other accompanying literature are solely for the purpose of general style, arrangement and approximate dimensions. Seller may make any changes Seller deems necessary or desirable.

9.

We have made no allowances for special insurance requirements including but not limited to "Waiver of Subrogation", "Form GC2010", liquidated damages, or anything beyond what is specifically spelled out as being included herein. We reserve the right to amend our offering for anything required outside of the specific items/services spelled out as being included. An exception must be in writing and authorized by Gasvoda & Associates.

10.

NO START UP WILL BE MADE PRIOR TO 100% PAYMENT. Warranty is invalid without authorized start up.

and damp



1300 SUCTION PIPE 75 - 300 GPM: 4 IN. 180 - 600 GPM: 6 IN. 315 - 1200 GPM: 8 IN. REQUIREMENTS: 4B2A*1 - 4B2G*1 - 4C2A*1 - 4C2G*1 500 - 1200 GPM: 10 IN. CONSTANT SPEED PERFORMANCE MAXIMUM SOLID - 3 IN. SPHERE 20 BHP 4B2A*1 / 4B2G*1, 1760 RPM NON-CLOG PUMP Smith & Loveless Inc. 10 HP & 65,4% 1200 1760 RPM 15 BHP 1100 DISCHARGE PIPING RECOMMENDATIONS: 75 - 400 GPM: 4 IN, 180 - 800 GPM: 6 IN. 315 - 1200 GPM; 8 IN. 500 - 1200 GPM; 10 IN. 1000 HP & Efficiency: **10 BHP** Pump Model: 900 7.5 BHP Original Motor - 7.5hp, 1200 RPM 800 Original Conditions of 300@39 400 GPM @ 45 ft. Moving to 4B2A, 1800 RPM 7 - 1/2 Inches 700 600 70 Flow (GPM) Design Point: Impeller Trim: 500 400 08-7628 (RA-01639) cm-32286 NORTHLAND Kankakee, IL 300 200 10 1/8" 8 1/2" 100 Location; Project Name: 7:1/2" 1. 120 110 100 20 90 80 09 50 40 30 20 10 0 (.#) HQT



GASVODA & ASSOCIATES, INC.

"Helping people use water efficiently"

1530 Huntington Drive Calumet City, IL 60409 Phone 708-891-4400 Fax 708-891-5786

PROPOSAL

TO:

City of Kankakee

DATE:

February 7, 2022

850 N. Hobbie Ave

Kankakee, IL 60901

PROJECT:

Replacement Pump - Station K

ATTN:

Bob Beland

E-MAIL:

rcbeland@citykankakee-il.gov

The seller hereby offers the following equipment subject to all terms & conditions noted on this contract:

We are pleased to offer the following proposal for your review and consideration on the above-named project. Kindly review our offer in its entirety and let us know of any further questions or requirements. The Terms and Conditions listed herein shall apply to this offer. Please review them carefully as they have changed. Qtv Description

ONE (1)

Smith & Loveless® Model 4B2D STAR ONETM Vacuum Primed complete pump:

- 7.5 HP, 1800 RPM, 3/60/230-volt TEFC motors.
- The pump motor shall be Premium Efficiency and Inverter Ready.
- Impeller trimmed to 7-5/8" for 200 GPM @ 56' TDH.
- The complete pump includes the motor, bronze seal housing, mechanical seal assembly, motor adapter, impeller, integral volute and front head.
- WAVESTART™ vacuum priming system, with probe and
- 2-way solenoid valve/dome assembly, time delay relay, WAVESTART™ Operating Module, and 24VDC power supply.
- Includes touch-up paint kit and installation hardware.

Total Investment...\$ 20,492.85

Qualifications	Clarifications	and/or	Exceptions
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Hunter Hardesty

Our proposal does not inc	lude any equipment, materials or services not specifically detailed above.
Our proposal does not inc	lude any applicable taxes.
Our proposal does not inc	lude installation or startup.
*Subject to and in accalternative pricing wi	cordance with the Terms & Conditions listed in this proposal with no exceptions, or Il apply.
This proposal and the attac Gasvoda & Associates, Inc	ched terms and conditions cannot be modified in any way except by expressed written approval of
TERMS:	NOTICE, NEW TERMS AND CONDITIONS APPLY. SEE ATTACHED SHEET FOR DETAILS.
FREIGHT: START-UP:	F.O.B. factory, allowed to jobsite. Prepay and add to invoice
TAXES:	0 day(s) start up is included. Additional start up, if required, will be billed at our standard rate. ALL applicable taxes must be added.
SUBMITTAL DATA: DELIVERY:	_to_weeks after receipt of order
DURATION:	18 to 20 weeks after approval and authorization to proceed. This proposal is valid for 30 days after which we reserve the right to review or withdraw.
GASVODA & ASSOCIA	TES, INC. ACCEPTED:
	(Authorized signature)
BY:	(ramorious difference)

Title: Date:

Authorization to proceed with placing the proposed equipment on order must be acknowledged by the return of this document properly executed where required. Such acknowledgment will be considered as your acceptance of this proposal understanding the terms & conditions stated above and at the end of this proposal. No submittals will be started and no equipment will be released to manufacturing prior to our receiving your formal authorized return of this document.

Thank you for the opportunity to provide our proposal. Please do not hesitate to call with any further questions or requirements.

BILL TO:		SHIP TO:		
			-	
CONTACT PERSON:				
PHONE:				
PURCHASE ORDER N	UMBER:			
SPECIAL MARKINGS:			•	
TAXABLE:		 		
TAX ID#:				

TERMS

- 1. Terms of payment are 100% net due 30 days from "date of shipment & invoice" for all orders less than \$100,000. 2.
 - Terms and conditions for orders totaling more than \$100,000.00 are based on progress payments as follow:
 - A) 10% of net order total due upon delivery of submittal data for review and approval with no retainage allowed.
 - B) 10% of remaining net order total due at time of release to production with no retainage allowed.
 - C) Entire balance of remaining net order total due within 30 business days after delivery and invoicing with no

Start-up services will not be scheduled prior to receipt of full and final payment, with no exceptions.

CONDITIONS

<u>General</u>

Subject only to any credit terms which Seller may extend, the total purchase price hereunder is due at such time, within or after the estimated shipment period specified on the face hereof, as said equipment is ready to be shipped. Buyer shall pay in full all invoices within the time for payment specified therein and BUYER'S PAYMENT OBLIGATION IS NO WAY DEPENDENT OR CONTINGENT UPON BUYER'S RECEIPT OF PAYMENT FROM ANY OTHER PARTY. Any balance owed by Buyer for 30 days or more after the same becomes due is subject to a 1-1/2% per month delinquency charge until paid. In addition to all other amounts due hereunder, Buyer shall reimburse Seller in full for all collection costs or charges, including reasonable attorney's fees, which Seller may incur with respect to the collection of past due amounts from Buyer.

2.

Seller warrants only that said equipment is free from defects in materials and workmanship as set forth in Seller's standard Certificate of Warranty furnished to Buyer at the time of final shipment. Seller makes no other warranty concerning said equipment beyond that set forth in said Certificate and expressly disclaims any warranty of merchantability or fitness for any particular process not described in the applicable drawings and specifications.

Seller's sole responsibility with respect to any equipment which proves to be defective as to materials or workmanship is either to replace or to repair the same as is set forth in said Certificate of Warranty. Unless authorized in writing by Seller, Seller is not responsible for any charge or expense incurred for the modification, servicing or adjusting of said equipment after the same has been delivered to Buyer.

3. Liability of Seller

Seller is not liable in any event hereunder for any consequential, incidental, or liquidated damages or penalties.

4.

Buyer shall immediately inspect said equipment upon receipt thereof. Seller is not obligated to consider any claim for shortages or non-conformance unless notified thereof by Buyer within 10 days after Buyer's receipt of said equipment.

5.

Should Buyer cancel this agreement without Seller's prior written consent, Seller may, at its option, recover from Buyer a cancellation charge of not less than

6.

Sale may be subject to state sales tax depending on the state. Gasvoda & Associates requires proof of exemption for all nontaxable sales. Regardless of exemption status, Gasvoda & Associates proposal does not include any sales tax. Payment of any sales tax remains the responsibility of the purchaser.

7.

If at such time, within or after the estimated shipment period specified on the face hereof, as Seller notifies Buyer that said equipment is ready to be shipped Buyer requests a delay in shipment, Seller may, at its option, agree to store said equipment for a period of time determined by Seller, provided that such agreement will not affect Buyer's obligation to pay in full all invoices as they become due, and provided further that for each month, or portion thereof, said equipment is stored by Seller, Buyer shall pay to Seller as a storage fee an amount equal to 1% of the balance due hereunder.

8. Drawings, Illustrations and Manuals

Catalog and proposal drawings, bulletins, and other accompanying literature are solely for the purpose of general style, arrangement and approximate dimensions. Seller may make any changes Seller deems necessary or desirable.

9. Insurance

We have made no allowances for special insurance requirements including but not limited to "Waiver of Subrogation", "Form GC2010", liquidated damages, or anything beyond what is specifically spelled out as being included herein. We reserve the right to amend our offering for anything required outside of the specific items/services spelled out as being included. An exception must be in writing and authorized by Gasvoda & Associates.

10. Start Up

Pump Curve



SUCTION PIPE REQUIREMENTS: 75 - 300 GPM: 4 IN. 180 - 600 GPM: 6 IN. 315 - 1200 GPM: 8 IN. 1300 4B2D*1 WET WELL MOUNTED PUMP STATION 500 - 1200 GPM: 10 IN. NON-CLOG PUMP CONSTANT SPEED PERFORMANCE MAXIMUM SOLID - 3 IN. SPHERE MAXIMUM SUCTION LIFT - 20 FT. 20 BHP Smith & Loveless Inc. 4B2D*1, 1760 RPM 7 1/2 HP & 48.4% 1200 1760 RPM 15 BHP 1100 5 75 - 400 GPM; 4 IN. 180 - 800 GPM; 6 IN. 315 - 1200 GPM; 8 IN. 500 - 1200 GPM; 10 IN. DISCHARGE PIPING RECOMMENDATIONS: 10 1000 HP & Efficiency: **10 BHP** Pump Model: 15' 900 7.5 BHP 20' 800 200 GPM @ 56 ft. 7 - 5/8 Inches 700 600 70 Flow (GPM) Design Point: Impeller Trim: 500 400 5 BHP 300 Station K, Kankakee, IL 200 10 1/8" Location: FX-01340 8 1/2" 100 Project Name: 7 5/8" 120 110 100 90 70 80 9 50 40 30 20 10 0 (.ft.)



GASVODA & ASSOCIATES, INC.

"Helping people use water efficiently"

1530 Huntington Drive Calumet City, IL 60409 Phone 708-891-4400 Fax 708-891-5786

PROPOSAL

TO:

City of Kankakee

850 N. Hobbie Ave

Kankakee, IL 60901

DATE:

February 9, 2022

PROJECT:

Replacement Pump - KCC

ATTN:

Bob Beland

E-MAIL:

rcbeland@citykankakee-il.gov

The seller hereby offers the following equipment subject to all terms & conditions noted on this contract:

We are pleased to offer the following proposal for your review and consideration on the above-named project.

Kindly review our offer in its entirety and let us know of any further questions or requirements. The Terms and Conditions listed herein shall apply to this offer. Please review them carefully as they have changed.

Oty

Description

ONE (1)

Smith & Loveless® Model 4B3 STAR ONE™ Flooded Suction complete pump:

- 7.5 HP, 1200 RPM, 3/60/230-volt TEFC motors.
- The pump motor shall be Premium Efficiency and Inverter Ready.
- Impeller trimmed to 10-1/8" for 312 GPM @ 43' TDH.
- The complete pump includes the motor, bronze seal housing, mechanical seal assembly, motor adapter, impeller, volute, integral front head/pump stand and suction elbow.
- Suction elbow 4"X6".
- Includes touch-up paint kit and installation hardware.

Total Investment...\$ 27,678.57

Qualifications Clarifications and/or Exceptions

Our proposal does not include any equipment, materials or services not specifically detailed above.				
	Our proposal does not include any applicable taxes.			
	Our proposal does not include installation or startup.			
	·			
	•			

*Subject to and in accordance with the Terms & Conditions listed in this proposal with no exceptions, or alternative pricing will apply.

This proposal and the attached terms and conditions cannot be modified in any way except by expressed written approval of

Gasvoda & Associates, Inc. TERMS: NOTICE, NEW TERMS AND CONDITIONS APPLY. SEE ATTACHED SHEET FOR DETAILS. FREIGHT: ___F.O.B. factory, allowed to jobsite. _ Prepay and add to invoice O day(s) start up is included. Additional start up, if required, will be billed at our standard rate. START-UP: TAXES: ALL applicable taxes must be added. SUBMITTAL DATA: _to_weeks after receipt of order 18 to 20 weeks after approval and authorization to proceed.
This proposal is valid for 30 days after which we reserve the right to review or withdraw. DELIVERY: DURATION: GASVODA & ASSOCIATES, INC. ACCEPTED: (Authorized signature) BY: Hunter Hardesty Title: Date:

Authorization to proceed with placing the proposed equipment on order must be acknowledged by the return of this document properly executed where required. Such acknowledgment will be considered as your acceptance of this proposal understanding the terms & conditions stated above and at the end of this proposal. No submittals will be started and no equipment will be released to manufacturing prior to our receiving your formal authorized return of this document.

Thank you for the opportunity to provide our proposal. Please do not hesitate to call with any further questions or requirements.

BILL TO:			SHIP TO:		
		•			
CONTACT PERSON:					
PHONE:					
PURCHASE ORDER N	UMBER:				
SPECIAL MARKINGS:					
TAXABLE:		***************************************			·
TAX ID#:					

TERMS

- Terms of payment are 100% net due 30 days from "date of shipment & invoice" for all orders less than \$100,000. 1. 2.
- Terms and conditions for orders totaling more than \$100,000.00 are based on progress payments as follow:
 - A) 10% of net order total due upon delivery of submittal data for review and approval with no retainage allowed.
 - B) 10% of remaining net order total due at time of release to production with no retainage allowed.
 - C) Entire balance of remaining net order total due within 30 business days after delivery and invoicing with no

Start-up services will not be scheduled prior to receipt of full and final payment, with no exceptions.

CONDITIONS

General

Subject only to any credit terms which Seller may extend, the total purchase price hereunder is due at such time, within or after the estimated shipment period specified on the face hereof, as said equipment is ready to be shipped. Buyer shall pay in full all invoices within the time for payment specified therein and BUYER'S PAYMENT OBLIGATION IS NO WAY DEPENDENT OR CONTINGENT UPON BUYER'S RECEIPT OF PAYMENT FROM ANY OTHER PARTY. Any balance owed by Buyer for 30 days or more after the same becomes due is subject to a 1-1/2% per month delinquency charge until paid. In addition to all other amounts due hereunder, Buyer shall reimburse Seller in full for all collection costs or charges, including reasonable attorney's fees, which Seller may incur with respect to the collection of past due amounts from Buyer.

2.

Seller warrants only that said equipment is free from defects in materials and workmanship as set forth in Seller's standard Certificate of Warranty furnished to Buyer at the time of final shipment. Seller makes no other warranty concerning said equipment beyond that set forth in said Certificate and expressly disclaims any warranty of merchantability or fitness for any particular process not described in the applicable drawings and specifications.

Seller's sole responsibility with respect to any equipment which proves to be defective as to materials or workmanship is either to replace or to repair the same as is set forth in said Certificate of Warranty. Unless authorized in writing by Seller, Seller is not responsible for any charge or expense incurred for the modification, servicing or adjusting of said equipment after the same has been delivered to Buyer.

3. Liability of Seller

Seller is not liable in any event hereunder for any consequential, incidental, or liquidated damages or penalties.

4.

Buyer shall immediately inspect said equipment upon receipt thereof. Seller is not obligated to consider any claim for shortages or non-conformance unless notified thereof by Buyer within 10 days after Buyer's receipt of said equipment.

5.

Should Buyer cancel this agreement without Seller's prior written consent, Seller may, at its option, recover from Buyer a cancellation charge of not less than

6.

Sale may be subject to state sales tax depending on the state. Gasvoda & Associates requires proof of exemption for all nontaxable sales. Regardless of exemption status, Gasvoda & Associates proposal does not include any sales tax. Payment of any sales tax remains the responsibility of the purchaser.

7.

If at such time, within or after the estimated shipment period specified on the face hereof, as Seller notifies Buyer that said equipment is ready to be shipped Buyer requests a delay in shipment, Seller may, at its option, agree to store said equipment for a period of time determined by Seller, provided that such agreement will not affect Buyer's obligation to pay in full all invoices as they become due, and provided further that for each month, or portion thereof, said equipment is stored by Seller, Buyer shall pay to Seller as a storage fee an amount equal to 1% of the balance due hereunder.

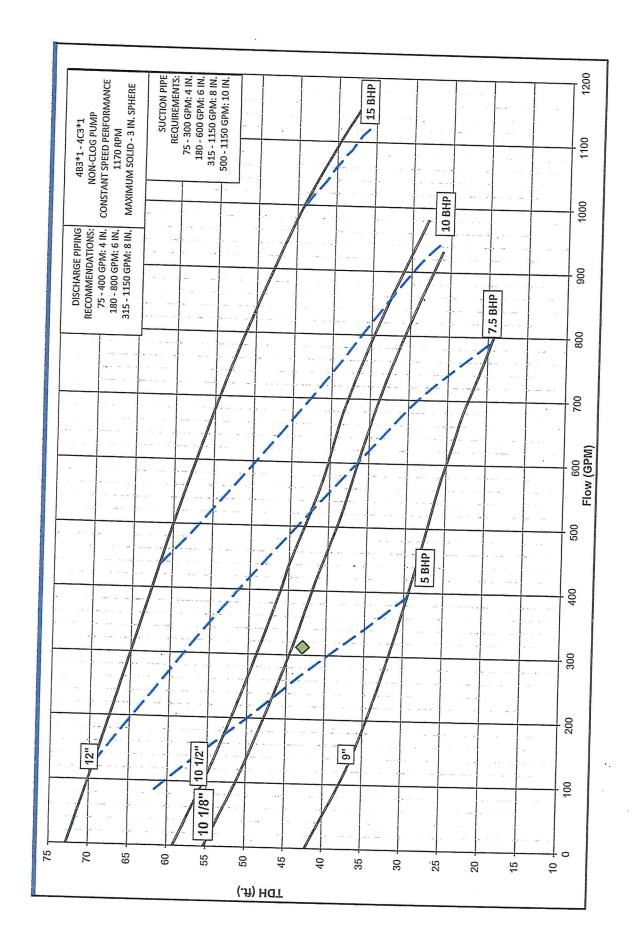
8. Drawings, Illustrations and Manuals

Catalog and proposal drawings, bulletins, and other accompanying literature are solely for the purpose of general style, arrangement and approximate dimensions. Seller may make any changes Seller deems necessary or desirable.

9.

We have made no allowances for special insurance requirements including but not limited to "Waiver of Subrogation", "Form GC2010", liquidated damages, or anything beyond what is specifically spelled out as being included herein. We reserve the right to amend our offering for anything required outside of the specific items/services spelled out as being included. An exception must be in writing and authorized by Gasvoda & Associates.

10





GASVODA & ASSOCIATES, INC.

"Helping people use water efficiently"

1530 Huntington Drive Calumet City, IL 60409 Phone 708-891-4400 Fax 708-891-5786

PROPOSAL

TO:

City of Kankakee

DATE:

February 9, 2022

850 N. Hobbie Ave

Kankakee, IL 60901

PROJECT:

Replacement Pump - Indian Meadows

ATTN:

Bob Beland

E-MAIL:

rcbeland@citykankakee-il.gov

The seller hereby offers the following equipment subject to all terms & conditions noted on this contract:

We are pleased to offer the following proposal for your review and consideration on the above-named project.

Kindly review our offer in its entirety and let us know of any further questions or requirements. The Terms and Conditions listed herein shall apply to this offer. Please review them carefully as they have changed.

Otv

Description

ONE (1)

Smith & Loveless® Model 4B2D STAR ONE™ Vacuum Primed complete pump:

- 10 HP, 1800 RPM, 3/60/230-volt TEFC motors.
- The pump motor shall be Premium Efficiency and Inverter Ready.
- Impeller trimmed to 8-1/8" for 200 GPM @ 66' TDH.
- The complete pump includes the motor, bronze seal housing, mechanical seal assembly, motor adapter, impeller, integral volute and front head.
- WAVESTARTTM vacuum priming system, with probe and 2-way solenoid valve/dome assembly, time delay relay, WAVESTARTTM Operating Module, and 24VDC power supply.
- Includes touch-up paint kit and installation hardware.

Total Investment...\$ 22,728.57

Qualifications Clarifications and/or Exceptions

	. Descriptions
Our proposal does not in	nclude any equipment, materials or services not specifically detailed above.
Our proposal does not it	nclude any applicable taxes.
Our proposal does not in	nclude installation or startup.
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t Credinate V	
Suoject to and in act liternative pricing wi	cordance with the Terms & Conditions listed in this proposal with no exceptions, or
_	
his proposal and the attac	ched terms and conditions cannot be modified in any way except by expressed written approval of
ERMS:	
	NOTICE, NEW TERMS AND CONDITIONS APPLY. SEE ATTACHED SHEET FOR DETAILS.
REIGHT: [art-up:	F.O.B. factory, allowed to jobsite Proposed 4.11.
AXES:	U day(s) start up is included. Additional start up if required will I will a
UBMITTAL DATA:	
ELIVERY:	_to_weeks after receipt of order
URATION:	18 to 20 weeks after approval and authorization to proceed.
ASVODA & ASSOCIAT	1113 proposal is valid for all days after which was
	ACCEPTED:
/:	(Authorized signature)
Den at no	Hardesty Title:
TIMMOL	Date:

Date:

Authorization to proceed with placing the proposed equipment on order must be acknowledged by the return of this document properly executed where required. Such acknowledgment will be considered as your acceptance of this proposal understanding the terms & conditions stated above and at the end of this proposal. No submittals will be started and no equipment will be released to manufacturing prior to our receiving your formal authorized return of this document.

Thank you for the opportunity to provide our proposal. Please do not hesitate to call with any further questions or requirements.

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PURCHASE ORDER NU	MBER:			
PURCHASE ORDER NU SPECIAL MARKINGS:	MBER:		_	
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TERMS

- Terms of payment are 100% net due 30 days from "date of shipment & invoice" for all orders less than \$100,000. 2.
- Terms and conditions for orders totaling more than \$100,000.00 are based on progress payments as follow:
 - A) 10% of net order total due upon delivery of submittal data for review and approval with no retainage allowed.
 - B) 10% of remaining net order total due at time of release to production with no retainage allowed.
 - C) Entire balance of remaining net order total due within 30 business days after delivery and invoicing with no

Start-up services will not be scheduled prior to receipt of full and final payment, with no exceptions.

CONDITIONS

Subject only to any credit terms which Seller may extend, the total purchase price hereunder is due at such time, within or after the estimated shipment period specified on the face hereof, as said equipment is ready to be shipped. Buyer shall pay in full all invoices within the time for payment specified therein and BUYER'S PAYMENT OBLIGATION IS NO WAY DEPENDENT OR CONTINGENT UPON BUYER'S RECEIPT OF PAYMENT FROM ANY OTHER PARTY. Any balance owed by Buyer for 30 days or more after the same becomes due is subject to a 1-1/2% per month delinquency charge until paid. In addition to all other amounts due hereunder, Buyer shall reimburse Seller in full for all collection costs or charges, including reasonable attorney's fees, which Seller may incur with respect to the collection of past due amounts from Buyer.

2.

Seller warrants only that said equipment is free from defects in materials and workmanship as set forth in Seller's standard Certificate of Warranty furnished to Buyer at the time of final shipment. Seller makes no other warranty concerning said equipment beyond that set forth in said Certificate and expressly disclaims any warranty of merchantability or fitness for any particular process not described in the applicable drawings and specifications.

Seller's sole responsibility with respect to any equipment which proves to be defective as to materials or workmanship is either to replace or to repair the same as is set forth in said Certificate of Warranty. Unless authorized in writing by Seller, Seller is not responsible for any charge or expense incurred for the modification, servicing or adjusting of said equipment after the same has been delivered to Buyer.

3. Liability of Seller

Seller is not liable in any event hereunder for any consequential, incidental, or liquidated damages or penalties.

4.

Buyer shall immediately inspect said equipment upon receipt thereof. Seller is not obligated to consider any claim for shortages or non-conformance unless notified thereof by Buyer within 10 days after Buyer's receipt of said equipment.

5.

Should Buyer cancel this agreement without Seller's prior written consent, Seller may, at its option, recover from Buyer a cancellation charge of not less than

6.

Sale may be subject to state sales tax depending on the state. Gasvoda & Associates requires proof of exemption for all nontaxable sales. Regardless of exemption status, Gasvoda & Associates proposal does not include any sales tax. Payment of any sales tax remains the responsibility of the purchaser.

7.

If at such time, within or after the estimated shipment period specified on the face hereof, as Seller notifies Buyer that said equipment is ready to be shipped Buyer requests a delay in shipment, Seller may, at its option, agree to store said equipment for a period of time determined by Seller, provided that such agreement will not affect Buyer's obligation to pay in full all invoices as they become due, and provided further that for each month, or portion thereof, said equipment is stored by Seller, Buyer shall pay to Seller as a storage fee an amount equal to 1% of the balance due hereunder.

8. Drawings, Illustrations and Manuals

Catalog and proposal drawings, bulletins, and other accompanying literature are solely for the purpose of general style, arrangement and approximate dimensions. Seller may make any changes Seller deems necessary or desirable.

9.

We have made no allowances for special insurance requirements including but not limited to "Waiver of Subrogation", "Form GC2010", liquidated damages, or anything beyond what is specifically spelled out as being included herein. We reserve the right to amend our offering for anything required outside of the specific items/services spelled out as being included. An exception must be in writing and authorized by Gasvoda & Associates.

10



GASVODA & ASSOCIATES, INC.

"Helping people use water efficiently"

1530 Huntington Drive Calumet City, IL 60409 Phone 708-891-4400 Fax 708-891-5786

PROPOSAL

TO:

City of Kankakee

DATE:

February 11, 2022

850 N. Hobbie Ave

Kankakee, IL 60901

PROJECT:

Upsized Pump - Garr Creek

ATTN:

Bob Beland

E-MAIL:

rcbeland@citykankakee-il.gov

The seller hereby offers the following equipment subject to all terms & conditions noted on this contract:

We are pleased to offer the following proposal for your review and consideration on the above-named project. Kindly review our offer in its entirety and let us know of any further questions or requirements. The Terms and Conditions listed herein shall apply to this offer. Please review them carefully as they have changed. **Qtv** Description

ONE (1)

Smith & Loveless® Model 4C3 STAR ONE™ Flooded Suction complete pump. Modified pump stand.

- 30 HP, 1800 RPM, 3/60/230-volt TEFC motors.
- The pump motor shall be Premium Efficiency and Inverter Ready.
- Impeller trimmed TBD.
- The complete pump includes the motor, bronze seal housing, mechanical seal assembly, motor adapter, impeller, volute, integral front head/pump stand and suction elbow.
- Suction elbow 4"X8".
- Includes touch-up paint kit and installation hardware.
- Includes piping modifications for the discharge side. This will be for the modification of one pump for either layout in the existing station. Suction side does not require any changes.

Total Investment...\$ 43,228.57

Qualifications Clarifications	and/or	Exceptions
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Our proposal does not in	clude any equipment, materials or services not specifically detailed above.	
	clude any applicable taxes.	
Our proposal does not inc	clude installation or startup.	
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*Subject to and in accalternative pricing wi	cordance with the Terms & Conditions listed in this proposal with no ill apply.	o exceptions, or
The de l'ibbootates, in		
TERMS:	NOTICE, NEW TERMS AND CONDITIONS APPLY. SEE ATTACHED SEDETAILS.	IEET FOR
FREIGHT:	F.O.B. factory, allowed to jobsite. Prepay and add to invoice	
START-UP: TAXES:	0 day(s) start up is included. Additional start up, if required will be hilled at our	standard rate.
SUBMITTAL DATA:	ALL applicable taxes must be added. _to_weeks after receipt of order	
DELIVERY: DURATION:	18 to 20 weeks after approval and authorization to proceed	
GASVODA & ASSOCIAT	This proposal is valid for 30 days after which we reserve the right to review or wit	hdraw.
	TES, INC. ACCEPTED:	
BY:	(Authorized signature)	
Huston	Hardesty Title:	
de warrend d	Date:	

Authorization to proceed with placing the proposed equipment on order must be acknowledged by the return of this document properly executed where required. Such acknowledgment will be considered as your acceptance of this proposal understanding the terms & conditions stated above and at the end of this proposal. No submittals will be started and no equipment will be released to manufacturing prior to our receiving your formal authorized return of this document.

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TAX ID#:				

TERMS

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CONDITIONS

General

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10.



DATE OF PROPOSAL: February 1, 2022

Q-28554 Rev. 2

click edit to enter name LAI, Ltd. MHealy@lai-ltd.com ROLLING MEADOWS, IL 60008 Tel: 847-392-0990 Email: TTack@lai-ltd.com

Media quote - Kankakee Stone Street

Consumable Items:

Description	Obi	LI-V D		
	Qıy	Unit Price	Ext. Price	Loc
Odormix SP (Slingbag) Media	2	\$ 6,464.16	\$ 12 928 32	IIS
Odorcarb Ultra (Slingbag) Media	7,320	\$ 4 48	3	US
	Description Odormix SP (Slingbag) Media Odorcarb Ultra (Slingbag) Media	Odormix SP (Slingbag) Media 2	Odormix SP (Slingbag) Media 2 \$ 6,464.16 Odorcarh Ultra (Slingbag) Media 7 2000	Odormix SP (Slingbag) Media 2 \$6,464.16 \$12,928.32 Odorcarb Ultra (Slingbag) Media 7,330 \$3,412 \$3,000 \$3,0

Notes:

Not included:

Taxes

Lead time: 3 - 4 weeks Ex-works

Pricing Summary

,716.06
\$ 0.00
0%
0%
\$ 0.00
\$ 0.00
100.00
0%
0%
716.06

I his quote is valid for 30 days after quote build date. Build date: 2022-2-1

^{*}If a Purchase Order is submitted that requires approval prior to production (HFA), then the validity of pricing is 90 days from quote build date.

^{*}Any approval after the expiration will require a requote.
*Request to cancel a Purchase order is subject to a cancellation fee.